



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Final Analytical Report

Site Name.....	Dimock Residential Groundwater
Sample Collection Date(s).....	01/28/12 11:26- 02/01/12 11:42
Contact.....	Rich Fetzer
Report Date.....	02/28/12 16:47
Project #.....	DAS R33907
Work Order.....	1201015

Analyses included in this report:

Alcohols by EPA 8015D	SVOCs by CLP Equivalent
VOCs by CLP Equivalent (trace)	

Approved for Release

1201015 FINAL PART 2 OF 3

DAS R33907

02 28 12 1648

Page 1 of 160

OASQA Representative



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Report Narrative

This page is intentionally blank



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Report Narrative

The EPA Region 3 Laboratory's Quality System is NELAP accredited. The National Environmental Laboratory Accreditation Program (NELAP) is a voluntary environmental laboratory accreditation association of State and Federal agencies.

General Notes:

This report contains results for Volatiles (VOAs), Semivolatiles (SVOAs), and Alcohol analyses only. All other parameters identified on the chain-of-custody form are included in separate reports. Lab Sample numbers 1201015-06 thru -10, 1201015-12, -14, -16, -18, -20, -22, -27, -29, -32, -34, -36, -38, -40, -42 and -44 are not included in this report since these samples were designated for Metals and Mercury analyses only.

For Work Order 1201015 - **This is Report 2 of 3.**

Chain-of-Custody forms are included in Report 1 of 3 for this Work Order.

All samples were received intact and at proper temperature.

Analytical results for samples by the Orthophosphorus method are not included in this report. Instead samples were analyzed using the Total Phosphate method to eliminate any issues with holding times. Since the Orthophosphorus method was being used as a screening method to determine the need to analyze the sample by the Total Phosphate method, results for Total Phosphate are not impacted.

Samples designated for the analysis of Oil & Grease were received in sample containers inconsistent with the type needed for the routine extraction procedure. Therefore, all samples were extracted using the manual extraction technique.

Where applicable, sample results are qualified based on the highest level concentrations of field QC contamination found in the field, equipment, or trip blanks.

Unless otherwise noted below, all required instrument and method QC was run and was within criteria.

SVOCs Analysis Note:

All samples were extracted by EPA SW-846 Method 3520C followed by analysis using EPA SW-846 Method 8270D. Refer to notes in case file for additional information regarding the analysis.

Results for sample 1201015-26 are suspect. Although, all QC and lab blanks are acceptable for sample 1201015-26, low levels of certain compounds detected indicate possible glassware contamination.

For this project two additional compounds are added to the SVOC analysis; 2-methoxyethanol and 1-methylnaphthalene. A separate calibration curve is used for these compounds with quality control requirements per the On-Demand protocol. For 2-methoxyethanol, the analysis is also being completed on each sample using the HPLC/MS/MS technique (Glycol analysis). Since SVOC extraction efficiencies are problematic for 2-methoxyethanol, the results from the HPLC/MS/MS technique should be used for these samples. For samples 1201015-11 thru 43 the blank spike (LCS) quality control samples did not include these two compounds. Therefore, all quantitation limits for these samples are qualified estimated "UJ."

For samples 1201015-01 thru -05, quantitation limits for 2,4-dinitrophenol, 2-methoxyethanol and hexachlorocyclopentadiene are elevated due to zero percent recovery in the low-spike quality control check (BS1). For samples 1201015-01 thru -05, quantitation limits for 4,6-dinitro-2-methylphenol, 4-nitrophenol, and, 2,3,4,6-tetrachlorophenol are elevated due to low percent recovery in the low-spike quality control check. For all samples, quantitation limits for pentachlorophenol are elevated due to low percent recovery in the low-spike quality control check. Results for all the mid-level spike quality control check (BS2) are within acceptance limits; therefore,



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: **Dimock Residential Groundwater**

Project #: **DAS R33907**

Report Narrative

quantitation limits are raised to the mid-level value. In the report, only 16 compounds are reported for blank spike quality control check samples. Quality control information about the additional spiked compounds is available in the case file.

Several surrogate recoveries were below acceptance limits for sample 1201015-41 due to an extraction chiller malfunction. Results are below the quantitation limit and are qualified as estimated "J" and may be biased low. Quantitation limits are qualified as estimated "UJ."

Results for a limited number of parameters found in all samples have been qualified "B" because of contamination found in either the method blank, field blank, or equipment blank.

VOA Analysis Note:

Acrylonitrile was analyzed on-demand using CLP equivalent methodology. This analyte does not appear in the data tables or the QC summary and all data for this compound is summarized here. Acrylonitrile was not detected in any of the samples above a quantitation limit of 2 ug/L. A four point curve was analyzed (2, 5, 10 and 20 ug/L). The samples were preserved to a pH<2 with HCl. A low level second source blank spike analyzed at a concentration of 2 ug/L had a recovery of 98% on 1/31/12 and 98% on 2/8/12. A mid level second source blank spike analyzed at a concentration of 10 ug/L had a recovery of 116% on 1/31/12 and 119% on 2/8/12. A matrix spike and matrix spike duplicate pair was prepared using sample 1201015-17 (Sta. HW35) at a concentration of 5 ppb acrylonitrile with recoveries of 188% and 189 %, RPD=0.

The high matrix spike recovery for acrylonitrile and six compounds eluting in the same region is due to background interference in the sample.

2-Chloroethylvinyl ether is not included in the analysis. 2-Chloroethylvinyl ether breaks down in acidified samples.

In addition to the Tentatively Identified Compounds (TICs) reported, two samples exhibited a large peak that eluted too early in the chromatograph to estimate concentration. The mass spectra profile is consistent with the presence of propane (>93% probability). The samples are 1201015-37 (Sta. HW29z) and 1201015-39 (Sta. HW29).

Alcohols Analysis Note:

All required instrument QC was run and was within the required criteria.

REPORT 2 of 3



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

ANALYTICAL REPORT FOR SAMPLES

Table with 5 columns: Station ID, Laboratory ID, Matrix, Date Sampled, Date Received. Contains 30 rows of sample data.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: EB01	Lab ID: 1201015-01
Sample Matrix: Water	Date Collected: 01/28/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/01/12	02/01/12 17:52	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/01/12	02/01/12 17:52	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/01/12	02/01/12 17:52	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/01/12	02/01/12 17:52	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/01/12	02/01/12 17:52	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Acenaphthylene	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Acetophenone	0.074	J	5.00	1	02/01/12	02/02/12 18:37	R3QA201
Anthracene	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Atrazine	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Benzaldehyde	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Benzo(a)anthracene	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Benzo(a)pyrene	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
1,1-Biphenyl	0.027	J	5.00	1	02/01/12	02/02/12 18:37	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Bis(2-chloroisopropyl)ether	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Bis(2-ethylhexyl)phthalate	1.72	B, J	5.00	1	02/01/12	02/02/12 18:37	R3QA201
4-Bromophenyl phenyl ether	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Butyl benzyl phthalate	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Carbazole	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Caprolactam	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
4-Chloroaniline	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
2-Chloronaphthalene	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
2-Chlorophenol	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Chrysene	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
Dibenzofuran	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201
3,3'-Dichlorobenzidine	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: EB01 Lab ID: 1201015-01
Sample Matrix: Water Date Collected: 01/28/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result (ug/L), Flags/Qualifiers, Quantitation (Limit), Dilution, Prepared, Analyzed, Method/SOP#. Rows include various compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, Fluorene, and Naphthalene.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: EB01	Lab ID: 1201015-01
Sample Matrix: Water	Date Collected: 01/28/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/01/12	02/02/12 18:37	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
<i>Surrogate: 2-Fluorophenol</i>	66.8		67 %	21-110	02/01/12	02/02/12 18:37	R3QA201
<i>Surrogate: Phenol-d5</i>	73.5		73 %	10-110	02/01/12	02/02/12 18:37	R3QA201
<i>Surrogate: Nitrobenzene-d5</i>	31.2		62 %	35-114	02/01/12	02/02/12 18:37	R3QA201
<i>Surrogate: 2-Fluorobiphenyl</i>	30.9		62 %	43-116	02/01/12	02/02/12 18:37	R3QA201
<i>Surrogate: 2,4,6-Tribromophenol</i>	65.4		65 %	10-123	02/01/12	02/02/12 18:37	R3QA201
<i>Surrogate: Terphenyl-d14</i>	38.9		78 %	33-141	02/01/12	02/02/12 18:37	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	3.5	J	2.0	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
Benzene	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
Bromoform	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
Chloroform	1.8		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/01/12	02/01/12 14:29	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: EB01 Lab ID: 1201015-01
Sample Matrix: Water Date Collected: 01/28/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dichloroethane, Methylene Chloride, and Naphthalene.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: EB01 Lab ID: 1201015-01
Sample Matrix: Water Date Collected: 01/28/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: FB06	Lab ID: 1201015-02
Sample Matrix: Water	Date Collected: 01/30/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/01/12	02/01/12 18:06	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/01/12	02/01/12 18:06	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/01/12	02/01/12 18:06	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/01/12	02/01/12 18:06	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/01/12	02/01/12 18:06	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Acenaphthylene	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Acetophenone	0.087	J	5.00	1	02/01/12	02/02/12 19:28	R3QA201
Anthracene	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Atrazine	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Benzaldehyde	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Benzo(a)anthracene	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Benzo(a)pyrene	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
1,1-Biphenyl	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Bis(2-chloroisopropyl)ether	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Bis(2-ethylhexyl)phthalate	1.76	B, J	5.00	1	02/01/12	02/02/12 19:28	R3QA201
4-Bromophenyl phenyl ether	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Butyl benzyl phthalate	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Carbazole	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Caprolactam	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
4-Chloroaniline	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
2-Chloronaphthalene	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
2-Chlorophenol	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Chrysene	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
Dibenzofuran	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201
3,3'-Dichlorobenzidine	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: FB06 Lab ID: 1201015-02
Sample Matrix: Water Date Collected: 01/30/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result (ug/L), Flags/Qualifiers, Quantitation (Limit), Dilution, Prepared, Analyzed, Method/SOP#. Rows include various compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, etc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: FB06	Lab ID: 1201015-02
Sample Matrix: Water	Date Collected: 01/30/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/01/12	02/02/12 19:28	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
<i>Surrogate: 2-Fluorophenol</i>	77.9		78 %	21-110	02/01/12	02/02/12 19:28	R3QA201
<i>Surrogate: Phenol-d5</i>	84.3		84 %	10-110	02/01/12	02/02/12 19:28	R3QA201
<i>Surrogate: Nitrobenzene-d5</i>	35.5		71 %	35-114	02/01/12	02/02/12 19:28	R3QA201
<i>Surrogate: 2-Fluorobiphenyl</i>	34.8		70 %	43-116	02/01/12	02/02/12 19:28	R3QA201
<i>Surrogate: 2,4,6-Tribromophenol</i>	73.3		73 %	10-123	02/01/12	02/02/12 19:28	R3QA201
<i>Surrogate: Terphenyl-d14</i>	41.4		83 %	33-141	02/01/12	02/02/12 19:28	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	3.3	J	2.0	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
Benzene	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
Bromoform	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
Chloroform	2.1		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/01/12	02/01/12 15:01	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: FB06 Lab ID: 1201015-02
Sample Matrix: Water Date Collected: 01/30/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dichloroethane, Methylene Chloride, and Toluene.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: FB06 Lab ID: 1201015-02
Sample Matrix: Water Date Collected: 01/30/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW18 Lab ID: 1201015-03
Sample Matrix: Drinking Water Date Collected: 01/30/2012

Alcohols
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.

Semivolatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acenaphthene, Acenaphthylene, Acetophenone, Anthracene, Atrazine, Benzaldehyde, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, 1,1-Biphenyl, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, 4-Bromophenyl phenyl ether, Butyl benzyl phthalate, Carbazole, Caprolactam, 4-Chloroaniline, 4-Chloro-3-methylphenol, 2-Chloronaphthalene, 2-Chlorophenol, 4-Chlorophenyl phenyl ether, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, 3,3'-Dichlorobenzidine.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW18 Lab ID: 1201015-03
Sample Matrix: Drinking Water Date Collected: 01/30/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, etc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW18	Lab ID: 1201015-03
Sample Matrix: Drinking Water	Date Collected: 01/30/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
2,4,6-Trichlorophenol	U		5.00	1	02/01/12	02/02/12 20:18	R3QA201

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery %Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate: 2-Fluorophenol	70.3		70 %	21-110	02/01/12	02/02/12 20:18	R3QA201
Surrogate: Phenol-d5	75.1		75 %	10-110	02/01/12	02/02/12 20:18	R3QA201
Surrogate: Nitrobenzene-d5	32.2		64 %	35-114	02/01/12	02/02/12 20:18	R3QA201
Surrogate: 2-Fluorobiphenyl	32.4		65 %	43-116	02/01/12	02/02/12 20:18	R3QA201
Surrogate: 2,4,6-Tribromophenol	72.1		72 %	10-123	02/01/12	02/02/12 20:18	R3QA201
Surrogate: Terphenyl-d14	37.2		74 %	33-141	02/01/12	02/02/12 20:18	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Acetone	1.6	B, J	2.0	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
Benzene	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
Bromoform	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
Chloroform	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW18 Lab ID: 1201015-03
Sample Matrix: Drinking Water Date Collected: 01/30/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW18	Lab ID: 1201015-03
Sample Matrix: Drinking Water	Date Collected: 01/30/2012

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Trichloroethene	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210
o-Xylene	U		1.0	1	02/01/12	02/01/12 15:31	CLP trace/R3QA210

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate: 4-Bromofluorobenzene</i>	4.410		110 %	86-115	02/01/12	02/01/12 15:31	CLP trace/R3QA210
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.510		113 %	76-114	02/01/12	02/01/12 15:31	CLP trace/R3QA210
<i>Surrogate: Toluene-d8</i>	4.130		103 %	88-110	02/01/12	02/01/12 15:31	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW13	Lab ID: 1201015-04
Sample Matrix: Drinking Water	Date Collected: 01/30/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/01/12	02/01/12 18:34	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/01/12	02/01/12 18:34	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/01/12	02/01/12 18:34	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/01/12	02/01/12 18:34	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/01/12	02/01/12 18:34	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Acenaphthylene	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Acetophenone	0.224	B, J	5.00	1	02/01/12	02/02/12 21:09	R3QA201
Anthracene	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Atrazine	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Benzaldehyde	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Benzo(a)anthracene	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Benzo(a)pyrene	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
1,1-Biphenyl	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Bis(2-chloroisopropyl)ether	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Bis(2-ethylhexyl)phthalate	2.66	B, J	5.00	1	02/01/12	02/02/12 21:09	R3QA201
4-Bromophenyl phenyl ether	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Butyl benzyl phthalate	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Carbazole	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Caprolactam	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
4-Chloroaniline	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
2-Chloronaphthalene	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
2-Chlorophenol	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Chrysene	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
Dibenzofuran	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201
3,3'-Dichlorobenzidine	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW13 Lab ID: 1201015-04
Sample Matrix: Drinking Water Date Collected: 01/30/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result (ug/L), Flags/Qualifiers, Quantitation (Limit), Dilution, Prepared, Analyzed, Method/SOP#. Rows include various compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, etc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW13	Lab ID: 1201015-04
Sample Matrix: Drinking Water	Date Collected: 01/30/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
2,4,6-Trichlorophenol	U		5.00	1	02/01/12	02/02/12 21:09	R3QA201

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery %Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate: 2-Fluorophenol</i>	74.0		74 %	21-110	02/01/12	02/02/12 21:09	R3QA201
<i>Surrogate: Phenol-d5</i>	80.8		81 %	10-110	02/01/12	02/02/12 21:09	R3QA201
<i>Surrogate: Nitrobenzene-d5</i>	34.5		69 %	35-114	02/01/12	02/02/12 21:09	R3QA201
<i>Surrogate: 2-Fluorobiphenyl</i>	35.3		71 %	43-116	02/01/12	02/02/12 21:09	R3QA201
<i>Surrogate: 2,4,6-Tribromophenol</i>	71.3		71 %	10-123	02/01/12	02/02/12 21:09	R3QA201
<i>Surrogate: Terphenyl-d14</i>	39.0		78 %	33-141	02/01/12	02/02/12 21:09	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Acetone	2.1	B, J	2.0	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Benzene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Bromoform	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Chloroform	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW13	Lab ID: 1201015-04
Sample Matrix: Drinking Water	Date Collected: 01/30/2012

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
1,2-Dibromo-3-chloropropane	U		1.0	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
1,2-Dibromoethane (EDB)	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Dibromomethane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
1,2-Dichlorobenzene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
1,3-Dichlorobenzene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
1,4-Dichlorobenzene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Dichlorodifluoromethane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
1,1-Dichloroethane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
1,2-Dichloroethane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
1,1-Dichloroethene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
cis-1,2-Dichloroethene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
trans-1,2-Dichloroethene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
1,2-Dichloropropane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
1,3-Dichloropropane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
2,2-Dichloropropane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
1,1-Dichloropropene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
cis-1,3-Dichloropropene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
trans-1,3-Dichloropropene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Ethylbenzene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Freon 113	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Methyl Acetate	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Methylene Chloride	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Naphthalene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Styrene	U		1.0	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
Toluene	12.0		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/01/12	02/01/12 16:00	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW13 Lab ID: 1201015-04
Sample Matrix: Drinking Water Date Collected: 01/30/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater
Station ID: HW18-P
Sample Matrix: Drinking Water
Project #: DAS R33907
Lab ID: 1201015-05
Date Collected: 01/30/2012

Alcohols
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.

Semivolatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acenaphthene, Acenaphthylene, Acetophenone, Anthracene, Atrazine, Benzaldehyde, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, 1,1-Biphenyl, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, 4-Bromophenyl phenyl ether, Butyl benzyl phthalate, Carbazole, Caprolactam, 4-Chloroaniline, 4-Chloro-3-methylphenol, 2-Chloronaphthalene, 2-Chlorophenol, 4-Chlorophenyl phenyl ether, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, 3,3'-Dichlorobenzidine.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW18-P Lab ID: 1201015-05
Sample Matrix: Drinking Water Date Collected: 01/30/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result (ug/L), Flags/Qualifiers, Quantitation (Limit), Dilution, Prepared, Analyzed, Method/SOP#. Rows include various compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, etc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW18-P	Lab ID: 1201015-05
Sample Matrix: Drinking Water	Date Collected: 01/30/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
2,4,6-Trichlorophenol	U		5.00	1	02/01/12	02/02/12 21:59	R3QA201

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate: 2-Fluorophenol</i>	71.2		71 %	21-110	02/01/12	02/02/12 21:59	R3QA201
<i>Surrogate: Phenol-d5</i>	76.2		76 %	10-110	02/01/12	02/02/12 21:59	R3QA201
<i>Surrogate: Nitrobenzene-d5</i>	32.4		65 %	35-114	02/01/12	02/02/12 21:59	R3QA201
<i>Surrogate: 2-Fluorobiphenyl</i>	33.7		67 %	43-116	02/01/12	02/02/12 21:59	R3QA201
<i>Surrogate: 2,4,6-Tribromophenol</i>	70.9		71 %	10-123	02/01/12	02/02/12 21:59	R3QA201
<i>Surrogate: Terphenyl-d14</i>	41.2		82 %	33-141	02/01/12	02/02/12 21:59	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Acetone	2.7	B, J	2.0	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
Benzene	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
Bromoform	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
Chloroform	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/01/12	02/01/12 16:28	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW18-P Lab ID: 1201015-05
Sample Matrix: Drinking Water Date Collected: 01/30/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW18-P Lab ID: 1201015-05
Sample Matrix: Drinking Water Date Collected: 01/30/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW25-P	Lab ID: 1201015-11
Sample Matrix: Drinking Water	Date Collected: 01/30/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/01/12	02/01/12 19:01	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/01/12	02/01/12 19:01	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/01/12	02/01/12 19:01	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/01/12	02/01/12 19:01	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/01/12	02/01/12 19:01	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Acenaphthylene	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Acetophenone	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Anthracene	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Atrazine	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Benzaldehyde	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Benzo(a)anthracene	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Benzo(a)pyrene	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
1,1-Biphenyl	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Bis(2-chloroisopropyl)ether	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Bis(2-ethylhexyl)phthalate	0.080	B, J	5.00	1	02/06/12	02/06/12 13:04	R3QA201
4-Bromophenyl phenyl ether	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Butyl benzyl phthalate	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Carbazole	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Caprolactam	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
4-Chloroaniline	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
2-Chloronaphthalene	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
2-Chlorophenol	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Chrysene	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
Dibenzofuran	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201
3,3'-Dichlorobenzidine	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW25-P Lab ID: 1201015-11
Sample Matrix: Drinking Water Date Collected: 01/30/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various chemical compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, etc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW25-P	Lab ID: 1201015-11
Sample Matrix: Drinking Water	Date Collected: 01/30/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/06/12	02/06/12 13:04	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	37.0		74 %	21-110	02/06/12	02/06/12 13:04	R3QA201
Surrogate: Phenol-d5	42.5		85 %	10-110	02/06/12	02/06/12 13:04	R3QA201
Surrogate: Nitrobenzene-d5	21.0		84 %	35-114	02/06/12	02/06/12 13:04	R3QA201
Surrogate: 2-Fluorobiphenyl	20.0		80 %	43-116	02/06/12	02/06/12 13:04	R3QA201
Surrogate: 2,4,6-Tribromophenol	37.7		75 %	10-123	02/06/12	02/06/12 13:04	R3QA201
Surrogate: Terphenyl-d14	22.3		89 %	33-141	02/06/12	02/06/12 13:04	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	U		2.0	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
Benzene	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
Bromoform	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
Chloroform	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/01/12	02/01/12 16:56	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW25-P Lab ID: 1201015-11
Sample Matrix: Drinking Water Date Collected: 01/30/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and analysis dates.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW25-P Lab ID: 1201015-11
Sample Matrix: Drinking Water Date Collected: 01/30/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW26-P	Lab ID: 1201015-13
Sample Matrix: Drinking Water	Date Collected: 01/31/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/01/12	02/01/12 19:15	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/01/12	02/01/12 19:15	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/01/12	02/01/12 19:15	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/01/12	02/01/12 19:15	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/01/12	02/01/12 19:15	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Acenaphthylene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Acetophenone	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Anthracene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Atrazine	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Benzaldehyde	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Benzo(a)anthracene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Benzo(a)pyrene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
1,1-Biphenyl	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Bis(2-chloroisopropyl)ether	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Bis(2-ethylhexyl)phthalate	0.090	B, J	5.00	1	02/06/12	02/06/12 13:46	R3QA201
4-Bromophenyl phenyl ether	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Butyl benzyl phthalate	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Carbazole	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Caprolactam	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
4-Chloroaniline	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
2-Chloronaphthalene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
2-Chlorophenol	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Chrysene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Dibenzofuran	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
3,3'-Dichlorobenzidine	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW26-P	Lab ID: 1201015-13
Sample Matrix: Drinking Water	Date Collected: 01/31/2012

Semivolatile Organic Compounds
 Targets (Continued)

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Diethyl phthalate	0.020	B, J	5.00	1	02/06/12	02/06/12 13:46	R3QA201
2,4-Dichlorophenol	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
2,4-Dimethylphenol	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Dimethyl phthalate	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
2,4-Dinitrophenol	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Di-n-butyl phthalate	0.230	B, J	5.00	1	02/06/12	02/06/12 13:46	R3QA201
4,6-Dinitro-2-methylphenol	U		10.0	1	02/06/12	02/06/12 13:46	R3QA201
2,4-Dinitrotoluene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
2,6-Dinitrotoluene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Di-n-octyl phthalate	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Fluoranthene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Fluorene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Hexachlorobenzene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Hexachlorobutadiene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Hexachlorocyclopentadiene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Hexachloroethane	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Indeno(1,2,3-cd)pyrene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Isophorone	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
2-Methoxyethanol	U	UJ	5.00	1	02/06/12	02/16/12 20:50	R3QA201
1-Methylnaphthalene	U	UJ	5.00	1	02/06/12	02/16/12 20:50	R3QA201
2-Methylnaphthalene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
2-Methylphenol	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
4-Methylphenol	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Naphthalene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
2-Nitroaniline	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
3-Nitroaniline	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
4-Nitroaniline	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Nitrobenzene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
2-Nitrophenol	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
4-Nitrophenol	U		10.0	1	02/06/12	02/06/12 13:46	R3QA201
N-Nitrosodimethylamine	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
N-Nitroso-di-n-propylamine	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
N-Nitrosodiphenylamine	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Pentachlorophenol	U		60.0	1	02/06/12	02/06/12 13:46	R3QA201
Phenanthrene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Phenol	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
Pyrene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
1,2,4,5-Tetrachlorobenzene	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
2,3,4,6-Tetrachlorophenol	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201
2,4,5-Trichlorophenol	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW26-P	Lab ID: 1201015-13
Sample Matrix: Drinking Water	Date Collected: 01/31/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/06/12	02/06/12 13:46	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
<i>Surrogate: 2-Fluorophenol</i>	26.1		52 %	21-110	02/06/12	02/06/12 13:46	R3QA201
<i>Surrogate: Phenol-d5</i>	30.8		62 %	10-110	02/06/12	02/06/12 13:46	R3QA201
<i>Surrogate: Nitrobenzene-d5</i>	14.8		59 %	35-114	02/06/12	02/06/12 13:46	R3QA201
<i>Surrogate: 2-Fluorobiphenyl</i>	14.5		58 %	43-116	02/06/12	02/06/12 13:46	R3QA201
<i>Surrogate: 2,4,6-Tribromophenol</i>	29.4		59 %	10-123	02/06/12	02/06/12 13:46	R3QA201
<i>Surrogate: Terphenyl-d14</i>	17.6		70 %	33-141	02/06/12	02/06/12 13:46	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	1.3	B, J	2.0	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
Bromoform	U		1.0	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 17:03	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW26-P Lab ID: 1201015-13
Sample Matrix: Drinking Water Date Collected: 01/31/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW26-P Lab ID: 1201015-13
Sample Matrix: Drinking Water Date Collected: 01/31/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, and o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, and Surrogate: Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW26 Lab ID: 1201015-15
Sample Matrix: Drinking Water Date Collected: 01/31/2012

Alcohols
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.

Semivolatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acenaphthene, Acenaphthylene, Acetophenone, Anthracene, Atrazine, Benzaldehyde, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, 1,1-Biphenyl, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, 4-Bromophenyl phenyl ether, Butyl benzyl phthalate, Carbazole, Caprolactam, 4-Chloroaniline, 4-Chloro-3-methylphenol, 2-Chloronaphthalene, 2-Chlorophenol, 4-Chlorophenyl phenyl ether, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, 3,3'-Dichlorobenzidine.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW26	Lab ID: 1201015-15
Sample Matrix: Drinking Water	Date Collected: 01/31/2012

Semivolatile Organic Compounds
Targets (Continued)

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Diethyl phthalate	0.020	B, J	5.00	1	02/06/12	02/06/12 14:28	R3QA201
2,4-Dichlorophenol	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
2,4-Dimethylphenol	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
Dimethyl phthalate	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
2,4-Dinitrophenol	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
Di-n-butyl phthalate	0.290	B, J	5.00	1	02/06/12	02/06/12 14:28	R3QA201
4,6-Dinitro-2-methylphenol	U		10.0	1	02/06/12	02/06/12 14:28	R3QA201
2,4-Dinitrotoluene	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
2,6-Dinitrotoluene	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
Di-n-octyl phthalate	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
Fluoranthene	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
Fluorene	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
Hexachlorobenzene	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
Hexachlorobutadiene	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
Hexachlorocyclopentadiene	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
Hexachloroethane	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
Indeno(1,2,3-cd)pyrene	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
Isophorone	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
2-Methoxyethanol	U	UJ	5.00	1	02/06/12	02/16/12 21:41	R3QA201
1-Methylnaphthalene	U	UJ	5.00	1	02/06/12	02/16/12 21:41	R3QA201
2-Methylnaphthalene	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
2-Methylphenol	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
4-Methylphenol	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
Naphthalene	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
2-Nitroaniline	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
3-Nitroaniline	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
4-Nitroaniline	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
Nitrobenzene	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
2-Nitrophenol	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
4-Nitrophenol	U		10.0	1	02/06/12	02/06/12 14:28	R3QA201
N-Nitrosodimethylamine	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
N-Nitroso-di-n-propylamine	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
N-Nitrosodiphenylamine	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
Pentachlorophenol	U		60.0	1	02/06/12	02/06/12 14:28	R3QA201
Phenanthrene	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
Phenol	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
Pyrene	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
1,2,4,5-Tetrachlorobenzene	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
2,3,4,6-Tetrachlorophenol	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201
2,4,5-Trichlorophenol	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW26	Lab ID: 1201015-15
Sample Matrix: Drinking Water	Date Collected: 01/31/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/06/12	02/06/12 14:28	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
<i>Surrogate: 2-Fluorophenol</i>	33.9		68 %	<i>21-110</i>	02/06/12	02/06/12 14:28	<i>R3QA201</i>
<i>Surrogate: Phenol-d5</i>	40.8		82 %	<i>10-110</i>	02/06/12	02/06/12 14:28	<i>R3QA201</i>
<i>Surrogate: Nitrobenzene-d5</i>	20.4		82 %	<i>35-114</i>	02/06/12	02/06/12 14:28	<i>R3QA201</i>
<i>Surrogate: 2-Fluorobiphenyl</i>	19.8		79 %	<i>43-116</i>	02/06/12	02/06/12 14:28	<i>R3QA201</i>
<i>Surrogate: 2,4,6-Tribromophenol</i>	25.9		52 %	<i>10-123</i>	02/06/12	02/06/12 14:28	<i>R3QA201</i>
<i>Surrogate: Terphenyl-d14</i>	22.9		91 %	<i>33-141</i>	02/06/12	02/06/12 14:28	<i>R3QA201</i>

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	1.0	B, J	2.0	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
Bromoform	U		1.0	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 17:30	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW26 Lab ID: 1201015-15
Sample Matrix: Drinking Water Date Collected: 01/31/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW26 Lab ID: 1201015-15
Sample Matrix: Drinking Water Date Collected: 01/31/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, and o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, and Surrogate: Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW35 Lab ID: 1201015-17
Sample Matrix: Drinking Water Date Collected: 01/31/2012

Alcohols
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include 1-Butanol, 2-Butanol, Ethanol, Methanol, and 1-Propanol.

Semivolatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acenaphthene, Acenaphthylene, Acetophenone, Anthracene, Atrazine, Benzaldehyde, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, 1,1-Biphenyl, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, 4-Bromophenyl phenyl ether, Butyl benzyl phthalate, Carbazole, Caprolactam, 4-Chloroaniline, 4-Chloro-3-methylphenol, 2-Chloronaphthalene, 2-Chlorophenol, 4-Chlorophenyl phenyl ether, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, 3,3'-Dichlorobenzidine.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW35	Lab ID: 1201015-17
Sample Matrix: Drinking Water	Date Collected: 01/31/2012

Semivolatile Organic Compounds
Targets (Continued)

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Diethyl phthalate	0.020	B, J	5.00	1	02/06/12	02/06/12 15:10	R3QA201
2,4-Dichlorophenol	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
2,4-Dimethylphenol	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
Dimethyl phthalate	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
2,4-Dinitrophenol	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
Di-n-butyl phthalate	0.180	B, J	5.00	1	02/06/12	02/06/12 15:10	R3QA201
4,6-Dinitro-2-methylphenol	U		10.0	1	02/06/12	02/06/12 15:10	R3QA201
2,4-Dinitrotoluene	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
2,6-Dinitrotoluene	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
Di-n-octyl phthalate	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
Fluoranthene	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
Fluorene	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
Hexachlorobenzene	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
Hexachlorobutadiene	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
Hexachlorocyclopentadiene	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
Hexachloroethane	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
Indeno(1,2,3-cd)pyrene	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
Isophorone	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
2-Methoxyethanol	U	UJ	5.00	1	02/06/12	02/17/12 11:47	R3QA201
1-Methylnaphthalene	U	UJ	5.00	1	02/06/12	02/17/12 11:47	R3QA201
2-Methylnaphthalene	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
2-Methylphenol	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
4-Methylphenol	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
Naphthalene	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
2-Nitroaniline	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
3-Nitroaniline	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
4-Nitroaniline	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
Nitrobenzene	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
2-Nitrophenol	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
4-Nitrophenol	U		10.0	1	02/06/12	02/06/12 15:10	R3QA201
N-Nitrosodimethylamine	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
N-Nitroso-di-n-propylamine	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
N-Nitrosodiphenylamine	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
Pentachlorophenol	U		60.0	1	02/06/12	02/06/12 15:10	R3QA201
Phenanthrene	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
Phenol	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
Pyrene	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
1,2,4,5-Tetrachlorobenzene	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
2,3,4,6-Tetrachlorophenol	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201
2,4,5-Trichlorophenol	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW35	Lab ID: 1201015-17
Sample Matrix: Drinking Water	Date Collected: 01/31/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/06/12	02/06/12 15:10	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	21.8		44 %	21-110	02/06/12	02/06/12 15:10	R3QA201
Surrogate: Phenol-d5	30.0		60 %	10-110	02/06/12	02/06/12 15:10	R3QA201
Surrogate: Nitrobenzene-d5	14.1		56 %	35-114	02/06/12	02/06/12 15:10	R3QA201
Surrogate: 2-Fluorobiphenyl	15.0		60 %	43-116	02/06/12	02/06/12 15:10	R3QA201
Surrogate: 2,4,6-Tribromophenol	16.7		33 %	10-123	02/06/12	02/06/12 15:10	R3QA201
Surrogate: Terphenyl-d14	19.4		78 %	33-141	02/06/12	02/06/12 15:10	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	0.4	B, J	2.0	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
Bromoform	U		1.0	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
Carbon disulfide	0.1	J	0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
Chloroform	0.1	B, J	0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 17:58	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW35 Lab ID: 1201015-17
Sample Matrix: Drinking Water Date Collected: 01/31/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW35 Lab ID: 1201015-17
Sample Matrix: Drinking Water Date Collected: 01/31/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW20	Lab ID: 1201015-19
Sample Matrix: Drinking Water	Date Collected: 01/30/2012

**Alcohols
Targets**

Analyte	Result ug/mL	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
1-Butanol	U		10.0	1	02/01/12	02/01/12 20:23	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/01/12	02/01/12 20:23	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/01/12	02/01/12 20:23	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/01/12	02/01/12 20:23	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/01/12	02/01/12 20:23	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Acenaphthene	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Acenaphthylene	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Acetophenone	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Anthracene	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Atrazine	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Benzaldehyde	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Benzo(a)anthracene	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Benzo(a)pyrene	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
1,1-Biphenyl	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Bis(2-chloroisopropyl)ether	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Bis(2-ethylhexyl)phthalate	0.140	B, J	5.00	1	02/06/12	02/06/12 18:39	R3QA201
4-Bromophenyl phenyl ether	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Butyl benzyl phthalate	0.010	B, J	5.00	1	02/06/12	02/06/12 18:39	R3QA201
Carbazole	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Caprolactam	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
4-Chloroaniline	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
2-Chloronaphthalene	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
2-Chlorophenol	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Chrysene	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
Dibenzofuran	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201
3,3'-Dichlorobenzidine	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW20 Lab ID: 1201015-19
Sample Matrix: Drinking Water Date Collected: 01/30/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various chemical compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, etc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW20	Lab ID: 1201015-19
Sample Matrix: Drinking Water	Date Collected: 01/30/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/06/12	02/06/12 18:39	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	35.1		70 %	21-110	02/06/12	02/06/12 18:39	R3QA201
Surrogate: Phenol-d5	39.8		80 %	10-110	02/06/12	02/06/12 18:39	R3QA201
Surrogate: Nitrobenzene-d5	19.5		78 %	35-114	02/06/12	02/06/12 18:39	R3QA201
Surrogate: 2-Fluorobiphenyl	18.0		72 %	43-116	02/06/12	02/06/12 18:39	R3QA201
Surrogate: 2,4,6-Tribromophenol	40.4		81 %	10-123	02/06/12	02/06/12 18:39	R3QA201
Surrogate: Terphenyl-d14	21.6		86 %	33-141	02/06/12	02/06/12 18:39	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	1.3	B, J	2.0	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
Benzene	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
Bromoform	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
Chloroform	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/01/12	02/01/12 17:24	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW20 Lab ID: 1201015-19
Sample Matrix: Drinking Water Date Collected: 01/30/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW20 Lab ID: 1201015-19
Sample Matrix: Drinking Water Date Collected: 01/30/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW20-P	Lab ID: 1201015-21
Sample Matrix: Drinking Water	Date Collected: 01/30/2012

**Alcohols
Targets**

Analyte	Result ug/mL	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
1-Butanol	U		10.0	1	02/01/12	02/01/12 20:37	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/01/12	02/01/12 20:37	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/01/12	02/01/12 20:37	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/01/12	02/01/12 20:37	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/01/12	02/01/12 20:37	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Acenaphthene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Acenaphthylene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Acetophenone	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Anthracene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Atrazine	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Benzaldehyde	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Benzo(a)anthracene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Benzo(a)pyrene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
1,1-Biphenyl	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Bis(2-chloroisopropyl)ether	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Bis(2-ethylhexyl)phthalate	0.070	B, J	5.00	1	02/06/12	02/06/12 19:21	R3QA201
4-Bromophenyl phenyl ether	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Butyl benzyl phthalate	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Carbazole	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Caprolactam	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
4-Chloroaniline	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
2-Chloronaphthalene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
2-Chlorophenol	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Chrysene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Dibenzofuran	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
3,3'-Dichlorobenzidine	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW20-P	Lab ID: 1201015-21
Sample Matrix: Drinking Water	Date Collected: 01/30/2012

Semivolatile Organic Compounds
Targets (Continued)

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Diethyl phthalate	0.020	B, J	5.00	1	02/06/12	02/06/12 19:21	R3QA201
2,4-Dichlorophenol	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
2,4-Dimethylphenol	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Dimethyl phthalate	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
2,4-Dinitrophenol	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Di-n-butyl phthalate	0.170	B, J	5.00	1	02/06/12	02/06/12 19:21	R3QA201
4,6-Dinitro-2-methylphenol	U		10.0	1	02/06/12	02/06/12 19:21	R3QA201
2,4-Dinitrotoluene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
2,6-Dinitrotoluene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Di-n-octyl phthalate	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Fluoranthene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Fluorene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Hexachlorobenzene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Hexachlorobutadiene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Hexachlorocyclopentadiene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Hexachloroethane	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Indeno(1,2,3-cd)pyrene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Isophorone	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
2-Methoxyethanol	U	UJ	5.00	1	02/06/12	02/17/12 15:09	R3QA201
1-Methylnaphthalene	U	UJ	5.00	1	02/06/12	02/17/12 15:09	R3QA201
2-Methylnaphthalene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
2-Methylphenol	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
4-Methylphenol	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Naphthalene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
2-Nitroaniline	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
3-Nitroaniline	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
4-Nitroaniline	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Nitrobenzene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
2-Nitrophenol	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
4-Nitrophenol	U		10.0	1	02/06/12	02/06/12 19:21	R3QA201
N-Nitrosodimethylamine	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
N-Nitroso-di-n-propylamine	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
N-Nitrosodiphenylamine	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Pentachlorophenol	U		60.0	1	02/06/12	02/06/12 19:21	R3QA201
Phenanthrene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Phenol	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
Pyrene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
1,2,4,5-Tetrachlorobenzene	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
2,3,4,6-Tetrachlorophenol	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201
2,4,5-Trichlorophenol	U		5.00	1	02/06/12	02/06/12 19:21	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW20-P Lab ID: 1201015-21
Sample Matrix: Drinking Water Date Collected: 01/30/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Row 1: 2,4,6-Trichlorophenol, U, 5.00, 1, 02/06/12, 02/06/12 19:21, R3QA201

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 2-Fluorophenol, Phenol-d5, Nitrobenzene-d5, 2-Fluorobiphenyl, 2,4,6-Tribromophenol, Terphenyl-d14

Volatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Lists various volatile organic compounds like Acetone, Benzene, Bromobenzene, etc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW20-P Lab ID: 1201015-21
Sample Matrix: Drinking Water Date Collected: 01/30/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW20-P Lab ID: 1201015-21
Sample Matrix: Drinking Water Date Collected: 01/30/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: TB08 Lab ID: 1201015-23
Sample Matrix: Water Date Collected: 01/28/2012

Volatile Organic Compounds
Targets

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acetone (3.8), Benzene (U), Bromobenzene (U), Bromochloromethane (U), Bromodichloromethane (U), Bromoform (U), Bromomethane (U), 2-Butanone (U), sec-Butylbenzene (U), tert-Butylbenzene (U), n-Butylbenzene (U), Carbon disulfide (U), Carbon Tetrachloride (U), Chlorobenzene (U), Chlorodibromomethane (U), Chloroethane (U), Chloroform (7.1), Chloromethane (U), 2-Chlorotoluene (U), 4-Chlorotoluene (U), Cyclohexane (U), 1,2-Dibromo-3-chloropropane (U), 1,2-Dibromoethane (EDB) (U), Dibromomethane (U), 1,2-Dichlorobenzene (U), 1,3-Dichlorobenzene (U), 1,4-Dichlorobenzene (U), Dichlorodifluoromethane (U), 1,1-Dichloroethane (U), 1,2-Dichloroethane (U), 1,1-Dichloroethene (U), cis-1,2-Dichloroethene (U), trans-1,2-Dichloroethene (U), 1,2-Dichloropropane (U), 1,3-Dichloropropane (U), 2,2-Dichloropropane (U), 1,1-Dichloropropene (U), cis-1,3-Dichloropropene (U), trans-1,3-Dichloropropene (U), Ethylbenzene (U).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: TB08	Lab ID: 1201015-23
Sample Matrix: Water	Date Collected: 01/28/2012

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Freon 113	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
Methyl Acetate	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
Methylene Chloride	1.1		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
Naphthalene	0.2	J	0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
Styrene	U		1.0	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
Toluene	0.6		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
Trichloroethene	1.3		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
m-Xylene/p-Xylene	0.1	J	1.0	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210
o-Xylene	0.06	J	1.0	1	02/01/12	02/01/12 13:25	CLP trace/R3QA210

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 4-Bromofluorobenzene	4.400		110 %	86-115	02/01/12	02/01/12 13:25	CLP trace/R3QA210
Surrogate: 1,2-Dichloroethane-d4	3.760		94 %	76-114	02/01/12	02/01/12 13:25	CLP trace/R3QA210
Surrogate: Toluene-d8	4.210		105 %	88-110	02/01/12	02/01/12 13:25	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: TB09 Lab ID: 1201015-24
Sample Matrix: Water Date Collected: 01/30/2012

Volatile Organic Compounds
Targets

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acetone (3.6), Benzene (U), Bromobenzene (U), Bromochloromethane (U), Bromodichloromethane (U), Bromoform (U), Bromomethane (U), 2-Butanone (U), sec-Butylbenzene (U), tert-Butylbenzene (U), n-Butylbenzene (U), Carbon disulfide (U), Carbon Tetrachloride (U), Chlorobenzene (U), Chlorodibromomethane (U), Chloroethane (U), Chloroform (7.1), Chloromethane (U), 2-Chlorotoluene (U), 4-Chlorotoluene (U), Cyclohexane (U), 1,2-Dibromo-3-chloropropane (U), 1,2-Dibromoethane (EDB) (U), Dibromomethane (U), 1,2-Dichlorobenzene (U), 1,3-Dichlorobenzene (U), 1,4-Dichlorobenzene (U), Dichlorodifluoromethane (U), 1,1-Dichloroethane (U), 1,2-Dichloroethane (U), 1,1-Dichloroethene (U), cis-1,2-Dichloroethene (U), trans-1,2-Dichloroethene (U), 1,2-Dichloropropane (U), 1,3-Dichloropropane (U), 2,2-Dichloropropane (U), 1,1-Dichloropropene (U), cis-1,3-Dichloropropene (U), trans-1,3-Dichloropropene (U), Ethylbenzene (U).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: TB09	Lab ID: 1201015-24
Sample Matrix: Water	Date Collected: 01/30/2012

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Freon 113	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
Methyl Acetate	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
Methylene Chloride	1.2		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
Naphthalene	0.2	J	0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
Styrene	U		1.0	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
Toluene	0.5		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
Trichloroethene	1.1		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
m-Xylene/p-Xylene	0.09	J	1.0	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210
o-Xylene	U		1.0	1	02/01/12	02/01/12 13:57	CLP trace/R3QA210

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
<i>Surrogate: 4-Bromofluorobenzene</i>	4.270		107 %	86-115	02/01/12	02/01/12 13:57	CLP trace/R3QA210
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.310		108 %	76-114	02/01/12	02/01/12 13:57	CLP trace/R3QA210
<i>Surrogate: Toluene-d8</i>	4.170		104 %	88-110	02/01/12	02/01/12 13:57	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW32	Lab ID: 1201015-25
Sample Matrix: Drinking Water	Date Collected: 02/01/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/04/12	02/10/12 09:11	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/04/12	02/10/12 09:11	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/04/12	02/10/12 09:11	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/04/12	02/10/12 09:11	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/04/12	02/10/12 09:11	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Acenaphthylene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Acetophenone	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Anthracene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Atrazine	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Benzaldehyde	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Benzo(a)anthracene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Benzo(a)pyrene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
1,1-Biphenyl	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Bis(2-chloroisopropyl)ether	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Bis(2-ethylhexyl)phthalate	0.050	B, J	5.00	1	02/06/12	02/06/12 20:04	R3QA201
4-Bromophenyl phenyl ether	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Butyl benzyl phthalate	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Carbazole	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Caprolactam	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
4-Chloroaniline	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
2-Chloronaphthalene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
2-Chlorophenol	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Chrysene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Dibenzofuran	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
3,3'-Dichlorobenzidine	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW32	Lab ID: 1201015-25
Sample Matrix: Drinking Water	Date Collected: 02/01/2012

Semivolatile Organic Compounds
 Targets (Continued)

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Diethyl phthalate	0.010	B, J	5.00	1	02/06/12	02/06/12 20:04	R3QA201
2,4-Dichlorophenol	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
2,4-Dimethylphenol	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Dimethyl phthalate	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
2,4-Dinitrophenol	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Di-n-butyl phthalate	0.110	B, J	5.00	1	02/06/12	02/06/12 20:04	R3QA201
4,6-Dinitro-2-methylphenol	U		10.0	1	02/06/12	02/06/12 20:04	R3QA201
2,4-Dinitrotoluene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
2,6-Dinitrotoluene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Di-n-octyl phthalate	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Fluoranthene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Fluorene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Hexachlorobenzene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Hexachlorobutadiene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Hexachlorocyclopentadiene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Hexachloroethane	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Indeno(1,2,3-cd)pyrene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Isophorone	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
2-Methoxyethanol	U	UJ	5.00	1	02/06/12	02/17/12 15:59	R3QA201
1-Methylnaphthalene	U	UJ	5.00	1	02/06/12	02/17/12 15:59	R3QA201
2-Methylnaphthalene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
2-Methylphenol	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
4-Methylphenol	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Naphthalene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
2-Nitroaniline	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
3-Nitroaniline	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
4-Nitroaniline	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Nitrobenzene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
2-Nitrophenol	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
4-Nitrophenol	U		10.0	1	02/06/12	02/06/12 20:04	R3QA201
N-Nitrosodimethylamine	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
N-Nitroso-di-n-propylamine	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
N-Nitrosodiphenylamine	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Pentachlorophenol	U		60.0	1	02/06/12	02/06/12 20:04	R3QA201
Phenanthrene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Phenol	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
Pyrene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
1,2,4,5-Tetrachlorobenzene	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
2,3,4,6-Tetrachlorophenol	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201
2,4,5-Trichlorophenol	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW32	Lab ID: 1201015-25
Sample Matrix: Drinking Water	Date Collected: 02/01/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
2,4,6-Trichlorophenol	U		5.00	1	02/06/12	02/06/12 20:04	R3QA201

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate: 2-Fluorophenol	28.2		56 %	21-110	02/06/12	02/06/12 20:04	R3QA201
Surrogate: Phenol-d5	32.8		66 %	10-110	02/06/12	02/06/12 20:04	R3QA201
Surrogate: Nitrobenzene-d5	15.4		62 %	35-114	02/06/12	02/06/12 20:04	R3QA201
Surrogate: 2-Fluorobiphenyl	16.2		65 %	43-116	02/06/12	02/06/12 20:04	R3QA201
Surrogate: 2,4,6-Tribromophenol	34.3		69 %	10-123	02/06/12	02/06/12 20:04	R3QA201
Surrogate: Terphenyl-d14	22.9		92 %	33-141	02/06/12	02/06/12 20:04	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Acetone	U		2.0	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
Bromoform	U		1.0	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 18:26	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW32 Lab ID: 1201015-25
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW32 Lab ID: 1201015-25
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW32-P	Lab ID: 1201015-26
Sample Matrix: Drinking Water	Date Collected: 02/01/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/04/12	02/04/12 11:31	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/04/12	02/04/12 11:31	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/04/12	02/04/12 11:31	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/04/12	02/04/12 11:31	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/04/12	02/04/12 11:31	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
Acenaphthylene	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
Acetophenone	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
Anthracene	0.070	J	5.00	1	02/06/12	02/06/12 20:46	R3QA201
Atrazine	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
Benzaldehyde	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
Benzo(a)anthracene	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
Benzo(a)pyrene	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
1,1-Biphenyl	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
Bis(2-chloroisopropyl)ether	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
Bis(2-ethylhexyl)phthalate	0.100	B, J	5.00	1	02/06/12	02/06/12 20:46	R3QA201
4-Bromophenyl phenyl ether	0.050	J	5.00	1	02/06/12	02/06/12 20:46	R3QA201
Butyl benzyl phthalate	0.030	B, J	5.00	1	02/06/12	02/06/12 20:46	R3QA201
Carbazole	0.090	J	5.00	1	02/06/12	02/06/12 20:46	R3QA201
Caprolactam	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
4-Chloroaniline	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
2-Chloronaphthalene	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
2-Chlorophenol	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
Chrysene	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
Dibenzofuran	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
3,3'-Dichlorobenzidine	U		5.00	1	02/06/12	02/06/12 20:46	R3QA201
Diethyl phthalate	0.080	B, J	5.00	1	02/06/12	02/06/12 20:46	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW32-P Lab ID: 1201015-26
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various compounds like 2,4-Dichlorophenol, Dimethyl phthalate, Di-n-butyl phthalate, etc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW32-P	Lab ID: 1201015-26
Sample Matrix: Drinking Water	Date Collected: 02/01/2012

Semivolatile Organic Compounds

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate: 2-Fluorophenol	26.5		53 %	21-110	02/06/12	02/06/12 20:46	R3QA201
Surrogate: Phenol-d5	31.4		63 %	10-110	02/06/12	02/06/12 20:46	R3QA201
Surrogate: Nitrobenzene-d5	15.6		62 %	35-114	02/06/12	02/06/12 20:46	R3QA201
Surrogate: 2-Fluorobiphenyl	15.6		63 %	43-116	02/06/12	02/06/12 20:46	R3QA201
Surrogate: 2,4,6-Tribromophenol	31.4		63 %	10-123	02/06/12	02/06/12 20:46	R3QA201
Surrogate: Terphenyl-d14	18.6		74 %	33-141	02/06/12	02/06/12 20:46	R3QA201

Volatile Organic Compounds

Targets

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Acetone	0.9	B, J	2.0	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
Bromoform	U		1.0	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
1,2-Dibromo-3-chloropropane	U		2.0	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
1,2-Dibromoethane (EDB)	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
Dibromomethane	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
1,2-Dichlorobenzene	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
1,3-Dichlorobenzene	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210
1,4-Dichlorobenzene	U		0.5	1	02/08/12	02/08/12 18:54	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW32-P Lab ID: 1201015-26
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like Dichlorodifluoromethane, 1,1-Dichloroethane, etc., with their respective results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW32-P Lab ID: 1201015-26
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Vinyl chloride, m-Xylene/p-Xylene, and o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, and Surrogate: Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: TB13 Lab ID: 1201015-28
Sample Matrix: Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acetone, Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, 2-Butanone, sec-Butylbenzene, tert-Butylbenzene, n-Butylbenzene, Carbon disulfide, Carbon Tetrachloride, Chlorobenzene, Chlorodibromomethane, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Cyclohexane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane (EDB), Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: TB13	Lab ID: 1201015-28
Sample Matrix: Water	Date Collected: 02/01/2012

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Freon 113	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
Methyl Acetate	U		1.0	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
Methylene Chloride	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
Naphthalene	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
Styrene	U		1.0	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
Toluene	0.06	J	0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
Trichloroethene	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210
o-Xylene	0.1	J	1.0	1	02/08/12	02/08/12 14:44	CLP trace/R3QA210

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery Limits	%Recovery	Prepared	Analyzed	Method/SOP#
Surrogate: 4-Bromofluorobenzene	4.120		103 %	86-115	02/08/12	02/08/12 14:44	CLP trace/R3QA210
Surrogate: 1,2-Dichloroethane-d4	3.960		99 %	76-114	02/08/12	02/08/12 14:44	CLP trace/R3QA210
Surrogate: Toluene-d8	3.960		99 %	88-110	02/08/12	02/08/12 14:44	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater
Station ID: HW33
Sample Matrix: Drinking Water
Project #: DAS R33907
Lab ID: 1201015-30
Date Collected: 02/01/2012

Alcohols
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include 1-Butanol, 2-Butanol, Ethanol, Methanol, and 1-Propanol.

Semivolatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acenaphthene, Acenaphthylene, Acetophenone, Anthracene, Atrazine, Benzaldehyde, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, 1,1-Biphenyl, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, 4-Bromophenyl phenyl ether, Butyl benzyl phthalate, Carbazole, Caprolactam, 4-Chloroaniline, 4-Chloro-3-methylphenol, 2-Chloronaphthalene, 2-Chlorophenol, 4-Chlorophenyl phenyl ether, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, 3,3'-Dichlorobenzidine.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW33 Lab ID: 1201015-30
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various chemical compounds like Diethyl phthalate, 2,4-Dichlorophenol, etc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW33	Lab ID: 1201015-30
Sample Matrix: Drinking Water	Date Collected: 02/01/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/06/12	02/06/12 21:29	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	32.1		64 %	21-110	02/06/12	02/06/12 21:29	R3QA201
Surrogate: Phenol-d5	36.9		74 %	10-110	02/06/12	02/06/12 21:29	R3QA201
Surrogate: Nitrobenzene-d5	18.4		73 %	35-114	02/06/12	02/06/12 21:29	R3QA201
Surrogate: 2-Fluorobiphenyl	18.1		73 %	43-116	02/06/12	02/06/12 21:29	R3QA201
Surrogate: 2,4,6-Tribromophenol	38.7		77 %	10-123	02/06/12	02/06/12 21:29	R3QA201
Surrogate: Terphenyl-d14	21.1		84 %	33-141	02/06/12	02/06/12 21:29	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	0.4	B, J	2.0	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
Bromoform	U		1.0	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 19:22	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW33 Lab ID: 1201015-30
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW33 Lab ID: 1201015-30
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW33a-P Lab ID: 1201015-31
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Alcohols
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include 1-Butanol, 2-Butanol, Ethanol, Methanol, and 1-Propanol.

Semivolatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acenaphthene, Acenaphthylene, Acetophenone, Anthracene, Atrazine, Benzaldehyde, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, 1,1-Biphenyl, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, 4-Bromophenyl phenyl ether, Butyl benzyl phthalate, Carbazole, Caprolactam, 4-Chloroaniline, 4-Chloro-3-methylphenol, 2-Chloronaphthalene, 2-Chlorophenol, 4-Chlorophenyl phenyl ether, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, 3,3'-Dichlorobenzidine.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW33a-P Lab ID: 1201015-31
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various chemical compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, etc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW33a-P Lab ID: 1201015-31
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Row 1: 2,4,6-Trichlorophenol, U, 5.00, 1, 02/06/12, 02/06/12 22:12, R3QA201

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 2-Fluorophenol, Phenol-d5, Nitrobenzene-d5, 2-Fluorobiphenyl, 2,4,6-Tribromophenol, Terphenyl-d14

Volatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Lists various compounds like Acetone, Benzene, Bromobenzene, etc., with their respective results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW33a-P Lab ID: 1201015-31
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW33a-P Lab ID: 1201015-31
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW33b-P	Lab ID: 1201015-33
Sample Matrix: Drinking Water	Date Collected: 02/01/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/04/12	02/04/12 12:12	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/04/12	02/04/12 12:12	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/04/12	02/04/12 12:12	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/04/12	02/04/12 12:12	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/04/12	02/04/12 12:12	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Acenaphthylene	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Acetophenone	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Anthracene	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Atrazine	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Benzaldehyde	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Benzo(a)anthracene	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Benzo(a)pyrene	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
1,1-Biphenyl	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Bis(2-chloroisopropyl)ether	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Bis(2-ethylhexyl)phthalate	0.740	B, J	5.00	1	02/06/12	02/06/12 22:54	R3QA201
4-Bromophenyl phenyl ether	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Butyl benzyl phthalate	0.010	B, J	5.00	1	02/06/12	02/06/12 22:54	R3QA201
Carbazole	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Caprolactam	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
4-Chloroaniline	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
2-Chloronaphthalene	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
2-Chlorophenol	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Chrysene	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
Dibenzofuran	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201
3,3'-Dichlorobenzidine	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW33b-P Lab ID: 1201015-33
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various chemical compounds like Diethyl phthalate, 2,4-Dichlorophenol, etc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW33b-P	Lab ID: 1201015-33
Sample Matrix: Drinking Water	Date Collected: 02/01/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
2,4,6-Trichlorophenol	U		5.00	1	02/06/12	02/06/12 22:54	R3QA201

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery %Recovery	Limit	Prepared	Analyzed	Method/SOP#
<i>Surrogate: 2-Fluorophenol</i>	31.5		63 %	21-110	02/06/12	02/06/12 22:54	R3QA201
<i>Surrogate: Phenol-d5</i>	37.8		76 %	10-110	02/06/12	02/06/12 22:54	R3QA201
<i>Surrogate: Nitrobenzene-d5</i>	18.7		75 %	35-114	02/06/12	02/06/12 22:54	R3QA201
<i>Surrogate: 2-Fluorobiphenyl</i>	18.2		73 %	43-116	02/06/12	02/06/12 22:54	R3QA201
<i>Surrogate: 2,4,6-Tribromophenol</i>	34.0		68 %	10-123	02/06/12	02/06/12 22:54	R3QA201
<i>Surrogate: Terphenyl-d14</i>	22.4		90 %	33-141	02/06/12	02/06/12 22:54	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Acetone	2.2	B, J	2.0	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
Bromoform	U		1.0	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
Chloroform	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 20:17	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW33b-P Lab ID: 1201015-33
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and analysis dates.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW33b-P Lab ID: 1201015-33
Sample Matrix: Drinking Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, Surrogate: Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: TB12 Lab ID: 1201015-35
Sample Matrix: Water Date Collected: 02/01/2012

Volatile Organic Compounds
Targets

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acetone, Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, 2-Butanone, sec-Butylbenzene, tert-Butylbenzene, n-Butylbenzene, Carbon disulfide, Carbon Tetrachloride, Chlorobenzene, Chlorodibromomethane, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Cyclohexane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane (EDB), Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: TB12	Lab ID: 1201015-35
Sample Matrix: Water	Date Collected: 02/01/2012

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Freon 113	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
Methyl Acetate	U		1.0	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
Methylene Chloride	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
Naphthalene	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
Styrene	U		1.0	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
Toluene	0.07	J	0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
Trichloroethene	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210
o-Xylene	0.1	J	1.0	1	02/08/12	02/08/12 15:12	CLP trace/R3QA210

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery Limits	%Recovery	Prepared	Analyzed	Method/SOP#
<i>Surrogate: 4-Bromofluorobenzene</i>	4.040		101 %	86-115	02/08/12	02/08/12 15:12	CLP trace/R3QA210
<i>Surrogate: 1,2-Dichloroethane-d4</i>	3.920		98 %	76-114	02/08/12	02/08/12 15:12	CLP trace/R3QA210
<i>Surrogate: Toluene-d8</i>	4.140		104 %	88-110	02/08/12	02/08/12 15:12	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW29z	Lab ID: 1201015-37
Sample Matrix: Drinking Water	Date Collected: 01/31/2012

**Alcohols
Targets**

Analyte	Result ug/mL	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
1-Butanol	U		10.0	1	02/04/12	02/04/12 12:26	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/04/12	02/04/12 12:26	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/04/12	02/04/12 12:26	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/04/12	02/04/12 12:26	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/04/12	02/04/12 12:26	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Acenaphthene	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Acenaphthylene	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Acetophenone	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Anthracene	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Atrazine	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Benzaldehyde	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Benzo(a)anthracene	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Benzo(a)pyrene	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
1,1-Biphenyl	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Bis(2-chloroisopropyl)ether	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Bis(2-ethylhexyl)phthalate	2.14	B, J	5.00	1	02/06/12	02/06/12 23:37	R3QA201
4-Bromophenyl phenyl ether	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Butyl benzyl phthalate	0.050	B, J	5.00	1	02/06/12	02/06/12 23:37	R3QA201
Carbazole	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Caprolactam	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
4-Chloroaniline	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
2-Chloronaphthalene	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
2-Chlorophenol	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Chrysene	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
Dibenzofuran	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201
3,3'-Dichlorobenzidine	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW29z Lab ID: 1201015-37
Sample Matrix: Drinking Water Date Collected: 01/31/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 9 columns: Analyte, Result (ug/L), Flags/Qualifiers, Quantitation (Limit), Dilution, Prepared, Analyzed, Method/SOP#. Rows include various compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, etc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW29z	Lab ID: 1201015-37
Sample Matrix: Drinking Water	Date Collected: 01/31/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/06/12	02/06/12 23:37	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 2-Fluorophenol	33.9		68 %	21-110	02/06/12	02/06/12 23:37	R3QA201
Surrogate: Phenol-d5	35.9		72 %	10-110	02/06/12	02/06/12 23:37	R3QA201
Surrogate: Nitrobenzene-d5	21.3		85 %	35-114	02/06/12	02/06/12 23:37	R3QA201
Surrogate: 2-Fluorobiphenyl	18.1		72 %	43-116	02/06/12	02/06/12 23:37	R3QA201
Surrogate: 2,4,6-Tribromophenol	48.1		96 %	10-123	02/06/12	02/06/12 23:37	R3QA201
Surrogate: Terphenyl-d14	20.6		83 %	33-141	02/06/12	02/06/12 23:37	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	2.8	B, J	2.0	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
Benzene	U		0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
Bromoform	U		1.0	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
Carbon disulfide	0.1	J	0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
Chloroform	U		0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/09/12	02/09/12 10:29	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW29z Lab ID: 1201015-37
Sample Matrix: Drinking Water Date Collected: 01/31/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW29z Lab ID: 1201015-37
Sample Matrix: Drinking Water Date Collected: 01/31/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, and o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, and Surrogate: Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater
Station ID: HW29
Sample Matrix: Drinking Water
Project #: DAS R33907
Lab ID: 1201015-39
Date Collected: 01/31/2012

Alcohols
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.

Semivolatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acenaphthene, Acenaphthylene, Acetophenone, Anthracene, Atrazine, Benzaldehyde, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, 1,1-Biphenyl, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, 4-Bromophenyl phenyl ether, Butyl benzyl phthalate, Carbazole, Caprolactam, 4-Chloroaniline, 4-Chloro-3-methylphenol, 2-Chloronaphthalene, 2-Chlorophenol, 4-Chlorophenyl phenyl ether, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, 3,3'-Dichlorobenzidine.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW29 Lab ID: 1201015-39
Sample Matrix: Drinking Water Date Collected: 01/31/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result (ug/L), Flags/Qualifiers, Quantitation (Limit), Dilution, Prepared, Analyzed, Method/SOP#. Rows include various compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, etc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW29 Lab ID: 1201015-39
Sample Matrix: Drinking Water Date Collected: 01/31/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Row 1: 2,4,6-Trichlorophenol, U, 5.00, 1, 02/06/12, 02/07/12 00:20, R3QA201

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 2-Fluorophenol, Phenol-d5, Nitrobenzene-d5, 2-Fluorobiphenyl, 2,4,6-Tribromophenol, Terphenyl-d14

Volatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Lists various organic compounds like Acetone, Benzene, Bromobenzene, etc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW29 Lab ID: 1201015-39
Sample Matrix: Drinking Water Date Collected: 01/31/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW29	Lab ID: 1201015-39
Sample Matrix: Drinking Water	Date Collected: 01/31/2012

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Trichloroethene	U		0.5	1	02/09/12	02/09/12 10:56	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/09/12	02/09/12 10:56	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/09/12	02/09/12 10:56	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/09/12	02/09/12 10:56	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/09/12	02/09/12 10:56	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/09/12	02/09/12 10:56	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/09/12	02/09/12 10:56	CLP trace/R3QA210
m-Xylene/p-Xylene	0.1	B, J	1.0	1	02/09/12	02/09/12 10:56	CLP trace/R3QA210
o-Xylene	U		1.0	1	02/09/12	02/09/12 10:56	CLP trace/R3QA210

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery		Prepared	Analyzed	Method/SOP#
			%Recovery	Limits			
<i>Surrogate: 4-Bromofluorobenzene</i>	3.920		98 %	<i>86-115</i>	02/09/12	02/09/12 10:56	<i>CLP trace/R3QA210</i>
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.130		103 %	<i>76-114</i>	02/09/12	02/09/12 10:56	<i>CLP trace/R3QA210</i>
<i>Surrogate: Toluene-d8</i>	3.840		96 %	<i>88-110</i>	02/09/12	02/09/12 10:56	<i>CLP trace/R3QA210</i>



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW52	Lab ID: 1201015-41
Sample Matrix: Drinking Water	Date Collected: 01/31/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/04/12	02/04/12 12:53	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/04/12	02/04/12 12:53	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/04/12	02/04/12 12:53	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/04/12	02/04/12 12:53	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/04/12	02/04/12 12:53	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Acenaphthylene	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Acetophenone	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Anthracene	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Atrazine	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Benzaldehyde	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Benzo(a)anthracene	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Benzo(a)pyrene	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Benzo(b)fluoranthene	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Benzo(ghi)perylene	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Benzo(k)fluoranthene	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
1,1-Biphenyl	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Bis(2-chloroethoxy)methane	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Bis(2-chloroethyl)ether	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Bis(2-chloroisopropyl)ether	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Bis(2-ethylhexyl)phthalate	2.22	B, J	5.00	1	02/06/12	02/07/12 09:23	R3QA201
4-Bromophenyl phenyl ether	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Butyl benzyl phthalate	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Carbazole	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Caprolactam	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
4-Chloroaniline	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
4-Chloro-3-methylphenol	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
2-Chloronaphthalene	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
2-Chlorophenol	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
4-Chlorophenyl phenyl ether	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Chrysene	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Dibenz(a,h)anthracene	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
Dibenzofuran	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201
3,3'-Dichlorobenzidine	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW52 Lab ID: 1201015-41
Sample Matrix: Drinking Water Date Collected: 01/31/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result (ug/L), Flags, Qualifiers, Quantitation (Limit), Dilution, Prepared, Analyzed, Method/SOP#. Rows include various compounds like Diethyl phthalate, 2,4-Dichlorophenol, Di-n-butyl phthalate, etc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: HW52	Lab ID: 1201015-41
Sample Matrix: Drinking Water	Date Collected: 01/31/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
2,4,6-Trichlorophenol	U	UJ	5.00	1	02/06/12	02/07/12 09:23	R3QA201

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery Limits	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate: 2-Fluorophenol	6.12	A	12 %	21-110	02/06/12	02/07/12 09:23	R3QA201
Surrogate: Phenol-d5	7.29		15 %	10-110	02/06/12	02/07/12 09:23	R3QA201
Surrogate: Nitrobenzene-d5	3.73	A	15 %	35-114	02/06/12	02/07/12 09:23	R3QA201
Surrogate: 2-Fluorobiphenyl	3.75	A	15 %	43-116	02/06/12	02/07/12 09:23	R3QA201
Surrogate: 2,4,6-Tribromophenol	6.98		14 %	10-123	02/06/12	02/07/12 09:23	R3QA201
Surrogate: Terphenyl-d14	4.79	A	19 %	33-141	02/06/12	02/07/12 09:23	R3QA201

**Volatile Organic Compounds
Targets**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Acetone	1.5	B, J	2.0	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Benzene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Bromoform	U		1.0	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Chloroform	0.2	B, J	0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/09/12	02/09/12 11:24	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW52 Lab ID: 1201015-41
Sample Matrix: Drinking Water Date Collected: 01/31/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: HW52 Lab ID: 1201015-41
Sample Matrix: Drinking Water Date Collected: 01/31/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, m-Xylene/p-Xylene, and o-Xylene.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Rows include Surrogate: 4-Bromofluorobenzene, Surrogate: 1,2-Dichloroethane-d4, and Surrogate: Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: FB07	Lab ID: 1201015-43
Sample Matrix: Water	Date Collected: 01/31/2012

**Alcohols
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/mL	Qualifiers	Limit	Dilution			
1-Butanol	U		10.0	1	02/04/12	02/04/12 13:07	EPA 8015D/R3QA203
2-Butanol	U		10.0	1	02/04/12	02/04/12 13:07	EPA 8015D/R3QA203
Ethanol	U		10.0	1	02/04/12	02/04/12 13:07	EPA 8015D/R3QA203
Methanol	U		10.0	1	02/04/12	02/04/12 13:07	EPA 8015D/R3QA203
1-Propanol	U		10.0	1	02/04/12	02/04/12 13:07	EPA 8015D/R3QA203

**Semivolatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acenaphthene	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Acenaphthylene	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Acetophenone	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Anthracene	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Atrazine	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Benzaldehyde	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Benzo(a)anthracene	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Benzo(a)pyrene	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Benzo(b)fluoranthene	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Benzo(ghi)perylene	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Benzo(k)fluoranthene	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
1,1-Biphenyl	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Bis(2-chloroethoxy)methane	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Bis(2-chloroethyl)ether	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Bis(2-chloroisopropyl)ether	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Bis(2-ethylhexyl)phthalate	0.540	B, J	5.00	1	02/06/12	02/07/12 10:05	R3QA201
4-Bromophenyl phenyl ether	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Butyl benzyl phthalate	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Carbazole	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Caprolactam	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
4-Chloroaniline	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
4-Chloro-3-methylphenol	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
2-Chloronaphthalene	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
2-Chlorophenol	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
4-Chlorophenyl phenyl ether	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Chrysene	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Dibenz(a,h)anthracene	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
Dibenzofuran	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201
3,3'-Dichlorobenzidine	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: FB07 Lab ID: 1201015-43
Sample Matrix: Water Date Collected: 01/31/2012

Semivolatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various chemical compounds like Diethyl phthalate, 2,4-Dichlorophenol, etc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: FB07	Lab ID: 1201015-43
Sample Matrix: Water	Date Collected: 01/31/2012

**Semivolatile Organic Compounds
Targets (Continued)**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
2,4,6-Trichlorophenol	U		5.00	1	02/06/12	02/07/12 10:05	R3QA201

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
<i>Surrogate: 2-Fluorophenol</i>	31.3		63 %	<i>21-110</i>	02/06/12	02/07/12 10:05	<i>R3QA201</i>
<i>Surrogate: Phenol-d5</i>	36.3		73 %	<i>10-110</i>	02/06/12	02/07/12 10:05	<i>R3QA201</i>
<i>Surrogate: Nitrobenzene-d5</i>	18.6		74 %	<i>35-114</i>	02/06/12	02/07/12 10:05	<i>R3QA201</i>
<i>Surrogate: 2-Fluorobiphenyl</i>	17.0		68 %	<i>43-116</i>	02/06/12	02/07/12 10:05	<i>R3QA201</i>
<i>Surrogate: 2,4,6-Tribromophenol</i>	39.2		78 %	<i>10-123</i>	02/06/12	02/07/12 10:05	<i>R3QA201</i>
<i>Surrogate: Terphenyl-d14</i>	21.2		85 %	<i>33-141</i>	02/06/12	02/07/12 10:05	<i>R3QA201</i>

**Volatile Organic Compounds
Targets**

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Acetone	3.1	J	2.0	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
Benzene	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
Bromobenzene	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
Bromochloromethane	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
Bromodichloromethane	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
Bromoform	U		1.0	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
Bromomethane	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
2-Butanone	U		2.0	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
sec-Butylbenzene	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
tert-Butylbenzene	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
n-Butylbenzene	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
Carbon disulfide	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
Carbon Tetrachloride	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
Chlorobenzene	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
Chlorodibromomethane	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
Chloroethane	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
Chloroform	0.09	J	0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
Chloromethane	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
2-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
4-Chlorotoluene	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
Cyclohexane	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: FB07 Lab ID: 1201015-43
Sample Matrix: Water Date Collected: 01/31/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows list various compounds like 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, etc., with their respective results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: FB07	Lab ID: 1201015-43
Sample Matrix: Water	Date Collected: 01/31/2012

Volatile Organic Compounds
 Targets (Continued)

Analyte	Result	Flags	Quantitation		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit	Dilution			
Trichloroethene	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210
o-Xylene	0.1	J	1.0	1	02/08/12	02/08/12 15:39	CLP trace/R3QA210

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
<i>Surrogate: 4-Bromofluorobenzene</i>	4.110		103 %	<i>86-115</i>	02/08/12	02/08/12 15:39	<i>CLP trace/R3QA210</i>
<i>Surrogate: 1,2-Dichloroethane-d4</i>	3.840		96 %	<i>76-114</i>	02/08/12	02/08/12 15:39	<i>CLP trace/R3QA210</i>
<i>Surrogate: Toluene-d8</i>	4.030		101 %	<i>88-110</i>	02/08/12	02/08/12 15:39	<i>CLP trace/R3QA210</i>



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: TB10 Lab ID: 1201015-45
Sample Matrix: Water Date Collected: 01/31/2012

Volatile Organic Compounds
Targets

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acetone, Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, 2-Butanone, sec-Butylbenzene, tert-Butylbenzene, n-Butylbenzene, Carbon disulfide, Carbon Tetrachloride, Chlorobenzene, Chlorodibromomethane, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Cyclohexane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane (EDB), Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: TB10 Lab ID: 1201015-45
Sample Matrix: Water Date Collected: 01/31/2012

Volatile Organic Compounds
Targets (Continued)

Table with 8 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Lists various compounds like Freon 113, Hexachlorobutadiene, 2-Hexanone, etc., with their respective results and limits.

Surrogates

Table with 8 columns: Analyte, Result, Flags, %Recovery, %Recovery Limits, Prepared, Analyzed, Method/SOP#. Lists surrogate compounds like 4-Bromofluorobenzene, 1,2-Dichloroethane-d4, and Toluene-d8.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater Project #: DAS R33907
Station ID: TB11 Lab ID: 1201015-46
Sample Matrix: Water Date Collected: 01/31/2012

Volatile Organic Compounds
Targets

Table with 9 columns: Analyte, Result, Flags, Quantitation, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Acetone, Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, 2-Butanone, sec-Butylbenzene, tert-Butylbenzene, n-Butylbenzene, Carbon disulfide, Carbon Tetrachloride, Chlorobenzene, Chlorodibromomethane, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Cyclohexane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane (EDB), Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater	Project #: DAS R33907
Station ID: TB11	Lab ID: 1201015-46
Sample Matrix: Water	Date Collected: 01/31/2012

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result ug/L	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
Freon 113	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
Hexachlorobutadiene	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
2-Hexanone	U		2.0	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
Isopropylbenzene	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
p-Isopropyltoluene	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
Methyl Acetate	U		1.0	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
Methylcyclohexane	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
Methyl-tert-butyl ether	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
Methylene Chloride	2.0		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
4-Methyl-2-pentanone	U		2.0	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
Naphthalene	0.07	J	0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
n-Propylbenzene	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
Styrene	U		1.0	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
1,1,2,2-Tetrachloroethane	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
1,1,1,2-Tetrachloroethane	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
Tetrachloroethene	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
Toluene	0.5		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
1,2,3-Trichlorobenzene	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
1,2,4-Trichlorobenzene	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
1,1,1-Trichloroethane	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
1,1,2-Trichloroethane	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
Trichloroethene	0.8		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
Trichlorofluoromethane	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
1,2,3-Trichloropropane	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
1,2,4-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
1,3,5-Trimethylbenzene	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
Vinyl acetate	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
Vinyl chloride	U		0.5	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
m-Xylene/p-Xylene	U		1.0	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210
o-Xylene	U		1.0	1	02/08/12	02/08/12 16:35	CLP trace/R3QA210

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery Limits	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate: 4-Bromofluorobenzene	4.200		105 %	86-115	02/08/12	02/08/12 16:35	CLP trace/R3QA210
Surrogate: 1,2-Dichloroethane-d4	4.090		102 %	76-114	02/08/12	02/08/12 16:35	CLP trace/R3QA210
Surrogate: Toluene-d8	3.980		100 %	88-110	02/08/12	02/08/12 16:35	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date. Data rows include unknown (01), 7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-dien, and unknown (02).

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date. Data rows include Sulfur dioxide and Ethyl Ether.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1201015-02					
Station ID:	FB06					
Sample Matrix:	Water					
Collected:	01/30/2012					
74367-33-2	Propanoic acid, 2-methyl-, 2,2-dim	20.5	T	6.44	02/02/12 19:28	R3QA201
82304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-dien	2.88	T	9.32	02/02/12 19:28	R3QA201
NA	unknown	2.46	T	17.02	02/02/12 19:28	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1201015-02					
Station ID:	FB06					
Sample Matrix:	Water					
Collected:	01/30/2012					
7446-09-5	Sulfur dioxide	1.1	T	1.09	02/01/12 15:01	CLP trace/R3QA210
60-29-7	Ethyl Ether	0.8	T	2.18	02/01/12 15:01	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1201015-03					
Station ID:	HW18					
Sample Matrix:	Drinking Water					
Collected:	01/30/2012					
	None Detected	0.00			02/02/12 20:18	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1201015-03					
Station ID:	HW18					
Sample Matrix:	Drinking Water					
Collected:	01/30/2012					
	None Detected	0.0			02/01/12 15:31	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1201015-04					
Station ID:	HW13					
Sample Matrix:	Drinking Water					
Collected:	01/30/2012					
3074-64-4	2,3-Dimethyl-2-heptene	2.48	T	3.01	02/02/12 21:09	R3QA201
NA	unknown (01)	2.29	T	3.38	02/02/12 21:09	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1201015-04					
Station ID:	HW13					
Sample Matrix:	Drinking Water					
Collected:	01/30/2012					
	None Detected	0.0			02/01/12 16:00	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date. Data row: NA, unknown (01), 2.02, T, 3.38, 02/02/12 21:59, R3QA201.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date. Data row: None Detected, 0.0, 02/01/12 16:28, CLP trace/R3QA210.

Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date. Data row: None Detected, 0.00, 02/06/12 13:04, R3QA201.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date. Data row: None Detected, 0.0, 02/01/12 16:56, CLP trace/R3QA210.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.

Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1201015-17					
Station ID:	HW35					
Sample Matrix:	Drinking Water					
Collected:	01/31/2012					
	None Detected	0.00			02/06/12 15:10	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1201015-17					
Station ID:	HW35					
Sample Matrix:	Drinking Water					
Collected:	01/31/2012					
	None Detected	0.0			02/08/12 17:58	CLP trace/R3QA210

Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1201015-19					
Station ID:	HW20					
Sample Matrix:	Drinking Water					
Collected:	01/30/2012					
	None Detected	0.00			02/06/12 18:39	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1201015-19					
Station ID:	HW20					
Sample Matrix:	Drinking Water					
Collected:	01/30/2012					
	None Detected	0.0			02/01/12 17:24	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.

Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1201015-28, Station ID: TB13, Sample Matrix: Water, Collected: 02/01/2012. Data rows for Isobutane (14.6 ug/L) and unknown (0.4 ug/L).

Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1201015-30, Station ID: HW33, Sample Matrix: Drinking Water, Collected: 02/01/2012. Data row: None Detected (0.00 ug/L).

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1201015-30, Station ID: HW33, Sample Matrix: Drinking Water, Collected: 02/01/2012. Data row: None Detected (0.0 ug/L).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.

Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID, Station ID, Sample Matrix, and Collected date.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1201015-35, Station ID: TB12, Sample Matrix: Water, Collected: 02/01/2012, and a data row for Isobutane (CAS 75-28-5) with result 14.8 ug/L.

Semivolatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1201015-37, Station ID: HW29z, Sample Matrix: Drinking Water, Collected: 01/31/2012, and data rows for unknown (CAS NA) and Sulfur, mol. (S8) (CAS 10544-50-0).

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ug/L), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1201015-37, Station ID: HW29z, Sample Matrix: Drinking Water, Collected: 01/31/2012, and data rows for Isobutane (CAS 75-28-5), Butane (CAS 106-97-8), and Butane, 2-methyl- (CAS 78-78-4).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1201015-39					
Station ID:	HW29					
Sample Matrix:	Drinking Water					
Collected:	01/31/2012					
10544-50-0	Sulfur, mol. (S8)	10.5	T	19.45	02/07/12 00:20	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	1201015-39					
Station ID:	HW29					
Sample Matrix:	Drinking Water					
Collected:	01/31/2012					
75-28-5	Isobutane	5.4	B, T	1.19	02/09/12 10:56	CLP trace/R3QA210
106-97-8	Butane	7.9	T	1.31	02/09/12 10:56	CLP trace/R3QA210
78-78-4	Butane, 2-methyl-	0.7	T	1.79	02/09/12 10:56	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 1201015-41						
Station ID: HW52						
Sample Matrix: Drinking Water						
Collected: 01/31/2012						
112-05-0	Nonanoic acid	4.02	T	11.64	02/07/12 09:23	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 1201015-41						
Station ID: HW52						
Sample Matrix: Drinking Water						
Collected: 01/31/2012						
	None Detected	0.0			02/09/12 11:24	CLP trace/R3QA210

Semivolatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 1201015-43						
Station ID: FB07						
Sample Matrix: Water						
Collected: 01/31/2012						
	None Detected	0.00			02/07/12 10:05	R3QA201

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 1201015-43						
Station ID: FB07						
Sample Matrix: Water						
Collected: 01/31/2012						
75-28-5	Isobutane	9.5	T	1.19	02/08/12 15:39	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Tentatively Identified Compound (TIC) Report
Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 1201015-45						
Station ID: TB10						
Sample Matrix: Water						
Collected: 01/31/2012						
7446-09-5	Sulfur dioxide	1.1	T	1.08	02/08/12 16:07	CLP trace/R3QA210

Volatile Organic Compounds

CAS Number	Compound	Result ug/L	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 1201015-46						
Station ID: TB11						
Sample Matrix: Water						
Collected: 01/31/2012						
7446-09-5	Sulfur dioxide	0.9	T	1.08	02/08/12 16:35	CLP trace/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Alcohols

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20101 - Alcohols

Blank (BB20101-BLK1)

Prepared: 02/01/12 06:58 Analyzed: 02/01/12 17:25

Table with 4 columns: Analyte, Result, Quantitation Limit, Units. Rows for 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.

LCS (BB20101-BS1)

Prepared: 02/01/12 06:58 Analyzed: 02/01/12 17:39

Table with 7 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC Limits. Rows for 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.

Matrix Spike (BB20101-MS1)

Source: 1201015-17

Prepared: 02/01/12 06:58 Analyzed: 02/01/12 19:56

Table with 7 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC Limits. Rows for 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.

Matrix Spike Dup (BB20101-MSD1)

Source: 1201015-17

Prepared: 02/01/12 06:58 Analyzed: 02/01/12 20:10

Table with 10 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC Limits, RPD, RPD Limit. Rows for 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Alcohols

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20401 - Alcohols

Blank (BB20401-BLK1) Prepared: 02/04/12 07:04 Analyzed: 02/04/12 10:22

Table with 4 columns: Analyte, Result, Quantitation Limit, Units. Rows for 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.

LCS (BB20401-BS1) Prepared: 02/04/12 07:04 Analyzed: 02/04/12 10:36

Table with 7 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, %REC, %REC Limits. Rows for 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.

Matrix Spike (BB20401-MS2) Source: 1201015-25 Prepared: 02/04/12 07:04 Analyzed: 02/04/12 11:03

Table with 8 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits. Rows for 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.

Matrix Spike Dup (BB20401-MSD2) Source: 1201015-25 Prepared: 02/04/12 07:04 Analyzed: 02/04/12 11:17

Table with 10 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit. Rows for 1-Butanol, 2-Butanol, Ethanol, Methanol, 1-Propanol.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Semivolatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20102 - EPA 3520C SVOC

Blank (BB20102-BLK1)

Prepared: 02/01/12 07:27 Analyzed: 02/02/12 16:06

Main data table listing various chemical analytes (e.g., Acenaphthene, Atrazine, Benzaldehyde) with their corresponding results (U, 1.67, 0.132, 0.381) and limits (5.00, 10.0).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Semivolatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20102 - EPA 3520C SVOC

Blank (BB20102-BLK1)

Prepared: 02/01/12 07:27 Analyzed: 02/02/12 16:06

Main data table listing various compounds (e.g., Hexachlorobenzene, Nitrobenzene, Phenol) with their respective results, limits, and units. Includes surrogate compounds at the bottom.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Semivolatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20102 - EPA 3520C SVOC

Blank (BB20102-BLK1)

Prepared: 02/01/12 07:27 Analyzed: 02/02/12 16:06

Table with 6 columns: Surrogate, Result, Units, Spike Level, %REC, %REC Limits

LCS (BB20102-BS1)

Prepared: 02/01/12 07:27 Analyzed: 02/02/12 16:56

Main table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
 Semivolatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch BB20102 - EPA 3520C SVOC

LCS (BB20102-BS2)

Prepared: 02/01/12 07:27 Analyzed: 02/02/12 17:47

Benzo(a)pyrene	42.0	5.00	ug/L	60.000		70	30-150			
Bis(2-chloroethyl)ether	38.3	5.00	"	60.000		64	30-150			
4-Chloroaniline	44.7	5.00	"	60.000		74	30-150			
4-Chloro-3-methylphenol	45.4	5.00	"	60.000		76	26-103			
2-Chlorophenol	40.4	5.00	"	60.000		67	25-102			
Diethyl phthalate	43.1	5.00	"	60.000		72	30-150			
2,4-Dinitrotoluene	44.9	5.00	"	60.000		75	28-89			
Hexachlorobenzene	39.6	5.00	"	60.000		66	30-150			
Hexachlorobutadiene	33.8	5.00	"	60.000		56	30-150			
Hexachloroethane	34.9	5.00	"	60.000		58	30-150			
Isophorone	40.6	5.00	"	60.000		68	30-150			
2-Methoxyethanol	41.3	5.00	"	57.900		71	30-150			
1-Methylnaphthalene	51.2	5.00	"	60.000		85	30-150			
Naphthalene	37.6	5.00	"	60.000		63	30-150			
Nitrobenzene	37.4	5.00	"	60.000		62	30-150			
4-Nitrophenol	49.2	10.0	"	60.000		82	11-114			
N-Nitroso-di-n-propylamine	43.9	5.00	"	60.000		73	41-126			
N-Nitrosodiphenylamine	41.9	5.00	"	60.000		70	30-150			
Pentachlorophenol	39.9	5.00	"	60.000		67	17-109			
Phenol	41.2	5.00	"	60.000		69	26-90			
2,4,5-Trichlorophenol	45.0	5.00	"	60.000		75	30-150			
2,4,6-Trichlorophenol	47.3	5.00	"	60.000		79	30-150			
Surrogate: 2-Fluorophenol	67.3		"	100.00		67	21-110			
Surrogate: Phenol-d5	73.7		"	100.00		74	10-110			
Surrogate: Nitrobenzene-d5	32.4		"	50.000		65	35-114			
Surrogate: 2-Fluorobiphenyl	33.2		"	50.000		66	43-116			
Surrogate: 2,4,6-Tribromophenol	81.2		"	100.00		81	10-123			
Surrogate: Terphenyl-d14	36.6		"	50.000		73	33-141			



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: **Dimock Residential Groundwater**

Project #: **DAS R33907**

QC Data
Semivolatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch BB20102 - EPA 3520C SVOC

Matrix Spike (BB20102-MS1)	Source: 1201015-05			Prepared: 02/01/12 07:27		Analyzed: 02/02/12 22:50	
Benzo(a)pyrene	41.0	5.00	ug/L	60.000	0.00	68	30-150
Bis(2-chloroethyl)ether	39.1	5.00	"	60.000	0.00	65	30-150
4-Chloroaniline	44.6	5.00	"	60.000	0.00	74	30-150
4-Chloro-3-methylphenol	45.0	5.00	"	60.000	0.00	75	26-103
2-Chlorophenol	42.0	5.00	"	60.000	0.00	70	25-102
Diethyl phthalate	41.9	5.00	"	60.000	0.149	70	30-150
2,4-Dinitrotoluene	43.8	5.00	"	60.000	0.00	73	28-89
Hexachlorobenzene	40.0	5.00	"	60.000	0.00	67	30-150
Hexachlorobutadiene	36.2	5.00	"	60.000	0.00	60	30-150
Hexachloroethane	38.8	5.00	"	60.000	0.00	65	30-150
Isophorone	40.3	5.00	"	60.000	0.00	67	30-150
2-Methoxyethanol	44.0	5.00	"	57.900	0.00	76	30-150
1-Methylnaphthalene	50.8	5.00	"	60.000	0.00	85	30-150
Naphthalene	38.8	5.00	"	60.000	0.00	65	30-150
Nitrobenzene	39.0	5.00	"	60.000	0.00	65	30-150
4-Nitrophenol	42.7	10.0	"	60.000	0.00	71	11-114
N-Nitroso-di-n-propylamine	43.4	5.00	"	60.000	0.00	72	41-126
N-Nitrosodiphenylamine	42.5	5.00	"	60.000	0.00	71	30-150
Pentachlorophenol	31.7	5.00	"	60.000	0.00	53	17-109
Phenol	42.5	5.00	"	60.000	0.00	71	26-90
2,4,5-Trichlorophenol	45.3	5.00	"	60.000	0.00	76	30-150
2,4,6-Trichlorophenol	47.4	5.00	"	60.000	0.00	79	30-150
<i>Surrogate: 2-Fluorophenol</i>	<i>70.3</i>		<i>"</i>	<i>100.00</i>		<i>70</i>	<i>21-110</i>
<i>Surrogate: Phenol-d5</i>	<i>76.9</i>		<i>"</i>	<i>100.00</i>		<i>77</i>	<i>10-110</i>
<i>Surrogate: Nitrobenzene-d5</i>	<i>33.0</i>		<i>"</i>	<i>50.000</i>		<i>66</i>	<i>35-114</i>
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>34.3</i>		<i>"</i>	<i>50.000</i>		<i>69</i>	<i>43-116</i>
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>82.0</i>		<i>"</i>	<i>100.00</i>		<i>82</i>	<i>10-123</i>
<i>Surrogate: Terphenyl-d14</i>	<i>38.1</i>		<i>"</i>	<i>50.000</i>		<i>76</i>	<i>33-141</i>



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Semivolatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20601 - EPA 3520C SVOC

Blank (BB20601-BLK1)

Prepared: 02/06/12 08:43 Analyzed: 02/06/12 10:58

Main data table listing various chemical analytes (e.g., Acenaphthene, Atrazine, Benzaldehyde) with their corresponding results (U, 0.360, 0.030, 0.110, 3.12) and units (ug/L).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Semivolatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20601 - EPA 3520C SVOC

Blank (BB20601-BLK1)

Prepared: 02/06/12 08:43 Analyzed: 02/06/12 10:58

Main data table listing various compounds (e.g., Hexachlorobenzene, Nitrobenzene, Phenol) with their results, limits, and units. Includes surrogate compounds at the bottom.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Semivolatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20601 - EPA 3520C SVOC

Blank (BB20601-BLK1)

Prepared: 02/06/12 08:43 Analyzed: 02/06/12 10:58

Table with 2 rows of surrogate data: Surrogate: 2,4,6-Tribromophenol (39.7), Surrogate: Terphenyl-d14 (24.1)

LCS (BB20601-BS1)

Prepared: 02/06/12 08:43 Analyzed: 02/06/12 11:40

Main table listing 28 analytes with columns for name, result, limit, units, spike level, source result, %REC, %REC limits, RPD, RPD limit, and notes.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Semivolatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20601 - EPA 3520C SVOC

Main data table with columns for analyte, result, limit, units, spike level, source result, %REC, %REC limits, RPD, RPD limit, and notes. Includes sub-section 'LCS (BB20601-BS2)' and 'Surrogate' rows.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: **Dimock Residential Groundwater**

Project #: **DAS R33907**

QC Data
Semivolatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch BB20601 - EPA 3520C SVOC

Matrix Spike (BB20601-MS1)	Source: 1201015-17			Prepared: 02/06/12 08:43	Analyzed: 02/06/12 15:52					
Benzo(a)pyrene	41.3	5.00	ug/L	40.000	0.00	103	30-150			
Bis(2-chloroethyl)ether	23.9	5.00	"	40.000	0.00	60	30-150			
4-Chloroaniline	29.9	5.00	"	40.000	0.00	75	30-150			
4-Chloro-3-methylphenol	33.1	5.00	"	40.000	0.00	83	26-103			
2-Chlorophenol	23.2	5.00	"	40.000	0.00	58	25-102			
Diethyl phthalate	37.0	5.00	"	40.000	0.020	92	30-150			
2,4-Dinitrotoluene	38.1	5.00	"	40.000	0.00	95	28-89			A
Hexachlorobenzene	37.0	5.00	"	40.000	0.00	92	30-150			
Hexachlorobutadiene	U	5.00	"		0.00		30-150			
Hexachloroethane	15.6	5.00	"	40.000	0.00	39	30-150			
Isophorone	30.8	5.00	"	40.000	0.00	77	30-150			
2-Methoxyethanol	U	5.00	"		0.00		30-150			
1-Methylnaphthalene	U	5.00	"		0.00		30-150			
Naphthalene	25.5	5.00	"	40.000	0.00	64	30-150			
Nitrobenzene	U	5.00	"		0.00		30-150			
4-Nitrophenol	28.7	10.0	"	40.000	0.00	72	11-114			
N-Nitroso-di-n-propylamine	29.9	5.00	"	40.000	0.00	75	41-126			
N-Nitrosodiphenylamine	34.7	5.00	"	40.000	0.00	87	30-150			
Pentachlorophenol	24.3	5.00	"	40.000	0.00	61	17-109			
Phenol	24.5	5.00	"	40.000	0.00	61	26-90			
2,4,5-Trichlorophenol	U	5.00	"		0.00		30-150			
2,4,6-Trichlorophenol	U	5.00	"		0.00		30-150			
Surrogate: 2-Fluorophenol	23.5		"	50.000		47	21-110			
Surrogate: Phenol-d5	33.7		"	50.000		67	10-110			
Surrogate: Nitrobenzene-d5	16.5		"	25.000		66	35-114			
Surrogate: 2-Fluorobiphenyl	20.2		"	25.000		81	43-116			
Surrogate: 2,4,6-Tribromophenol	47.2		"	50.000		94	10-123			
Surrogate: Terphenyl-d14	22.5		"	25.000		90	33-141			



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Semivolatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20601 - EPA 3520C SVOC

Main data table with columns for Matrix Spike Dup, Source (1201015-17), Prepared (02/06/12 08:43), Analyzed (02/06/12 16:33), and various analyte results.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20202 - VOC Purge and Trap

Blank (BB20202-BLK1)

Prepared & Analyzed: 02/01/12 12:42

Table listing various chemical compounds (e.g., Acetone, Benzene, Bromobenzene) with their corresponding results (U) and quantitation limits (e.g., 2.0 ug/L, 0.5).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: **Dimock Residential Groundwater**

Project #: **DAS R33907**

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch BB20202 - VOC Purge and Trap

Blank (BB20202-BLK1)

Prepared & Analyzed: 02/01/12 12:42

Hexachlorobutadiene	U	0.5	ug/L							
2-Hexanone	U	2.0	"							
Isopropylbenzene	U	0.5	"							
p-Isopropyltoluene	U	0.5	"							
Methyl Acetate	U	0.5	"							
Methylcyclohexane	U	0.5	"							
Methyl-tert-butyl ether	U	0.5	"							
Methylene Chloride	U	0.5	"							
4-Methyl-2-pentanone	U	2.0	"							
Naphthalene	U	0.5	"							
n-Propylbenzene	U	0.5	"							
Styrene	U	1.0	"							
1,1,2,2-Tetrachloroethane	U	0.5	"							
1,1,1,2-Tetrachloroethane	U	0.5	"							
Tetrachloroethene	U	0.5	"							
Toluene	U	0.5	"							
1,2,3-Trichlorobenzene	U	0.5	"							
1,2,4-Trichlorobenzene	U	0.5	"							
1,1,1-Trichloroethane	U	0.5	"							
1,1,2-Trichloroethane	U	0.5	"							
Trichloroethene	U	0.5	"							
Trichlorofluoromethane	U	0.5	"							
1,2,3-Trichloropropane	U	0.5	"							
1,2,4-Trimethylbenzene	U	0.5	"							
1,3,5-Trimethylbenzene	U	0.5	"							
Vinyl acetate	U	0.5	"							
Vinyl chloride	U	0.5	"							
m-Xylene/p-Xylene	U	1.0	"							
o-Xylene	U	1.0	"							
Acrylonitrile	U	2.0	"							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>4.350</i>		<i>"</i>	<i>4.0000</i>		<i>109</i>	<i>86-115</i>			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.110</i>		<i>"</i>	<i>4.0000</i>		<i>103</i>	<i>76-114</i>			
<i>Surrogate: Toluene-d8</i>	<i>4.230</i>		<i>"</i>	<i>4.0000</i>		<i>106</i>	<i>88-110</i>			



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20202 - VOC Purge and Trap

LCS (BB20202-BS1)

Prepared & Analyzed: 01/31/12 14:10

Main data table listing various analytes (e.g., Acetone, Benzene, Chlorobenzene) with their respective results, limits, and units.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB20202 - VOC Purge and Trap

LCS (BB20202-BS1)

Prepared & Analyzed: 01/31/12 14:10

Main data table listing various chemical compounds (e.g., Hexachlorobutadiene, 2-Hexanone, Isopropylbenzene) with their respective results, limits, and units.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB21007 - VOC Purge and Trap

Blank (BB21007-BLK1)

Prepared & Analyzed: 02/08/12 14:16

Table listing various chemical analytes (e.g., Acetone, Benzene, Bromobenzene) with their corresponding results (U) and quantitation limits (e.g., 2.0 ug/L, 0.5).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: **Dimock Residential Groundwater**

Project #: **DAS R33907**

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch BB21007 - VOC Purge and Trap

Blank (BB21007-BLK1)

Prepared & Analyzed: 02/08/12 14:16

Hexachlorobutadiene	U	0.5	ug/L							
2-Hexanone	U	2.0	"							
Isopropylbenzene	U	0.5	"							
p-Isopropyltoluene	U	0.5	"							
Methyl Acetate	U	0.5	"							
Methylcyclohexane	U	0.5	"							
Methyl-tert-butyl ether	U	0.5	"							
Methylene Chloride	U	0.5	"							
4-Methyl-2-pentanone	U	2.0	"							
Naphthalene	U	0.5	"							
n-Propylbenzene	U	0.5	"							
Styrene	U	1.0	"							
1,1,2,2-Tetrachloroethane	U	0.5	"							
1,1,1,2-Tetrachloroethane	U	0.5	"							
Tetrachloroethene	U	0.5	"							
Toluene	U	0.5	"							
1,2,3-Trichlorobenzene	U	0.5	"							
1,2,4-Trichlorobenzene	U	0.5	"							
1,1,1-Trichloroethane	U	0.5	"							
1,1,2-Trichloroethane	U	0.5	"							
Trichloroethene	U	0.5	"							
Trichlorofluoromethane	U	0.5	"							
1,2,3-Trichloropropane	U	0.5	"							
1,2,4-Trimethylbenzene	U	0.5	"							
1,3,5-Trimethylbenzene	U	0.5	"							
Vinyl acetate	U	0.5	"							
Vinyl chloride	U	0.5	"							
m-Xylene/p-Xylene	U	1.0	"							
o-Xylene	U	1.0	"							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>4.110</i>		<i>"</i>	<i>4.0000</i>		<i>103</i>	<i>86-115</i>			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>3.950</i>		<i>"</i>	<i>4.0000</i>		<i>99</i>	<i>76-114</i>			
<i>Surrogate: Toluene-d8</i>	<i>4.040</i>		<i>"</i>	<i>4.0000</i>		<i>101</i>	<i>88-110</i>			



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB21007 - VOC Purge and Trap

Blank (BB21007-BLK2)

Prepared & Analyzed: 02/09/12 10:01

Table listing various chemical compounds (e.g., Acetone, Benzene, Bromobenzene) with their corresponding results (U) and quantitation limits (0.5 or 2.0 ug/L).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: **Dimock Residential Groundwater**

Project #: **DAS R33907**

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch BB21007 - VOC Purge and Trap

Blank (BB21007-BLK2)

Prepared & Analyzed: 02/09/12 10:01

Hexachlorobutadiene	U	0.5	ug/L							
2-Hexanone	U	2.0	"							
Isopropylbenzene	U	0.5	"							
p-Isopropyltoluene	U	0.5	"							
Methyl Acetate	U	0.5	"							
Methylcyclohexane	U	0.5	"							
Methyl-tert-butyl ether	U	0.5	"							
Methylene Chloride	U	0.5	"							
4-Methyl-2-pentanone	U	2.0	"							
Naphthalene	U	0.5	"							
n-Propylbenzene	U	0.5	"							
Styrene	U	1.0	"							
1,1,2,2-Tetrachloroethane	U	0.5	"							
1,1,1,2-Tetrachloroethane	U	0.5	"							
Tetrachloroethene	U	0.5	"							
Toluene	U	0.5	"							
1,2,3-Trichlorobenzene	U	0.5	"							
1,2,4-Trichlorobenzene	U	0.5	"							
1,1,1-Trichloroethane	U	0.5	"							
1,1,2-Trichloroethane	U	0.5	"							
Trichloroethene	U	0.5	"							
Trichlorofluoromethane	U	0.5	"							
1,2,3-Trichloropropane	U	0.5	"							
1,2,4-Trimethylbenzene	U	0.5	"							
1,3,5-Trimethylbenzene	U	0.5	"							
Vinyl acetate	U	0.5	"							
Vinyl chloride	U	0.5	"							
m-Xylene/p-Xylene	U	1.0	"							
o-Xylene	U	1.0	"							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>4.200</i>	<i>"</i>	<i>"</i>	<i>4.0000</i>	<i>105</i>	<i>86-115</i>				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.270</i>	<i>"</i>	<i>"</i>	<i>4.0000</i>	<i>107</i>	<i>76-114</i>				
<i>Surrogate: Toluene-d8</i>	<i>3.960</i>	<i>"</i>	<i>"</i>	<i>4.0000</i>	<i>99</i>	<i>88-110</i>				



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB21007 - VOC Purge and Trap

LCS (BB21007-BS1)

Prepared & Analyzed: 02/08/12 13:21

Main data table listing analytes such as Acetone, Benzene, Bromobenzene, etc., with their respective results, limits, and units.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB21007 - VOC Purge and Trap

LCS (BB21007-BS1)

Prepared & Analyzed: 02/08/12 13:21

Main data table listing various compounds (e.g., Hexachlorobutadiene, 2-Hexanone, Isopropylbenzene) with their respective results, limits, and units.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB21007 - VOC Purge and Trap

Main data table with columns: Matrix Spike (BB21007-MS1), Source: 1201015-17, Prepared & Analyzed: 02/09/12 12:20, and various chemical analytes with their corresponding results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB21007 - VOC Purge and Trap

Main data table with columns for Matrix Spike (BB21007-MS1), Source (1201015-17), Prepared & Analyzed (02/09/12 12:20), and various chemical compounds with their respective results and limits.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BB21007 - VOC Purge and Trap

Main data table with columns: Matrix Spike Dup (BB21007-MSD1), Source: 1201015-17, Prepared & Analyzed: 02/09/12 12:48, and various analyte results.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Site Name: **Dimock Residential Groundwater**

Project #: **DAS R33907**

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch BB21007 - VOC Purge and Trap

Matrix Spike Dup (BB21007-MSD1)	Source: 1201015-17			Prepared & Analyzed: 02/09/12 12:48						
Hexachlorobutadiene	4.49	0.5	ug/L	5.0000	0.00	90	70-130	4	20	
2-Hexanone	4.03	2.0	"	5.0000	0.00	81	70-130	5	20	
Isopropylbenzene	4.75	0.5	"	5.0000	0.00	95	70-130	0.8	20	
p-Isopropyltoluene	4.64	0.5	"	5.0000	0.00	93	70-130	0.4	20	
Methyl Acetate	11.03	0.5	"		0.00		70-130	14	20	A
Methylcyclohexane	4.96	0.5	"		0.00		70-130	2	20	
Methyl-tert-butyl ether	4.90	0.5	"		0.00		70-130	2	20	
Methylene Chloride	10.01	0.5	"	5.0000	0.00	200	70-130	4	20	A
4-Methyl-2-pentanone	4.40	2.0	"	5.0000	0.00	88	70-130	0.5	20	
Naphthalene	5.17	0.5	"	5.0000	0.00	103	70-130	6	20	
n-Propylbenzene	4.56	0.5	"	5.0000	0.00	91	70-130	2	20	
1,1,2,2-Tetrachloroethane	4.47	0.5	"	5.0000	0.00	89	70-130	4	20	
1,1,1,2-Tetrachloroethane	4.85	0.5	"	5.0000	0.00	97	70-130	1	20	
Tetrachloroethene	4.59	0.5	"	5.0000	0.00	92	70-130	0.4	20	
Toluene	4.48	0.5	"	5.0000	0.00	90	76-125	4	13	
1,2,3-Trichlorobenzene	4.90	0.5	"	5.0000	0.00	98	70-130	1	20	
1,2,4-Trichlorobenzene	4.69	0.5	"	5.0000	0.00	94	70-130	1	20	
1,1,1-Trichloroethane	4.65	0.5	"	5.0000	0.00	93	70-130	4	20	
1,1,2-Trichloroethane	4.51	0.5	"	5.0000	0.00	90	70-130	7	20	
Trichloroethene	4.77	0.5	"	5.0000	0.00	95	71-120	0.6	14	
Trichlorofluoromethane	4.97	0.5	"	5.0000	0.00	99	70-130	8	20	
1,2,3-Trichloropropane	4.29	0.5	"	5.0000	0.00	86	70-130	9	20	
1,2,4-Trimethylbenzene	4.67	0.5	"	5.0000	0.00	93	70-130	3	20	
1,3,5-Trimethylbenzene	4.59	0.5	"	5.0000	0.00	92	70-130	2	20	
Vinyl acetate	4.68	0.5	"	5.0000	0.00	94	70-130	0.2	20	
Vinyl chloride	4.71	0.5	"	5.0000	0.00	94	70-130	4	20	
m-Xylene/p-Xylene	9.32	1.0	"	10.000	0.00	93	70-130	3	20	
Surrogate: 4-Bromofluorobenzene	3.730		"	4.0000		93	86-115			
Surrogate: 1,2-Dichloroethane-d4	3.940		"	4.0000		98	76-114			
Surrogate: Toluene-d8	3.790		"	4.0000		95	88-110			



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center
Office of Analytical Services and Quality Assurance
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: Dimock Residential Groundwater

Project #: DAS R33907

Notes and Definitions

- UJ The analyte was not detected at or above the quantitation limit. The quantitation limit is an estimate.
- T Tentatively Identified Compound. Identified as a result of a library search using the EPA/NIST Mass Spectral Library. Standards were not used to verify the identity and quantity of the compound. The reported value is an estimate.
- J The identification of the analyte is acceptable; the reported value is an estimate.
- B Not detected substantially above (10 times) the level reported in the laboratory or field blanks (including field, trip, rinsate, and equipment blanks).
- A Quality control value is outside acceptance limits.
- %REC Percent Recovery
- RPD Relative Percent Difference
- U Analyte included in the analysis, but not detected at or above the quantitation limit.

QUANTITATION LIMIT: The lowest concentration of an analyte that can be reliably measured within specified limits of precision and accuracy for a specific laboratory analytical method and that takes into account analytical adjustments made during sample preparation and analysis.

SOLID SAMPLE RESULTS - REPORTING PROTOCOL: Solid samples where % Solids (percent dry wt at 105 degrees C) has been performed, are analyzed wet and converted to a dry weight result for reporting purposes. This is routine for organics and most inorganic analyses. When metals and mercury analyses are requested, solid samples are routinely analyzed and reported on a dry weight basis. Solid samples for metals/mercury are prepared for analysis by an initial drying at 60 degree C and homogenization before digestion. Oil-type samples will be analyzed and reported on a wet weight basis for all analyses because of the nature of the sample. Any exceptions to the protocol will be noted with a qualifier

ON-DEMAND: The term 'on-demand' analysis, if noted in the report narrative, refers to Section 13.1.4 in the Region III OASQA Laboratory Quality Manual, which provides procedures for non-routine analyses or analytes.